

THE NOR-WEST FARMER.

Vol. 19; No. 7.
Whole No. 235.

WINNIPEG, MANITOBA, APRIL 5, 1900.

\$1 a Year,
in advance



What the Export Market Calls For.

J. R. Mullins, the well-known stock exporter, recently gave an address on this subject before the Virden Farmers' Institute. Beef is the principal export, and a

not improve them, so one can readily see they require to be fat."

Sheep are scarce, and are being actually imported from the east. Shropshires and Leicesters are most favored.

I find that the export of live hogs from this country has scarcely been attempted yet, as the bulk of the supply finds ready market here. The hog most in demand is a long, lean hog, weighing alive from 150 to 250 pounds. This class of hog is best produced from a cross between Berkshire and either Poland China, Tamworth or Yorkshire. I consider that a large percentage of the quality of both cattle and hogs lies in the correct system of feeding, as I

be graded as other products are and paid for accordingly. Stock so graded would raise the quality of our export animals, and put them on an equality with the stock produced by our neighbors to the south. At the present time, United States cattle command from 2c. to 3c. per pound more in England than Canadian cattle do, and it is the careful breeding, feeding and grading of their stock which has raised them to that standard. I, with other shippers, have found that we had such a small percentage of finished animals in our shipments that it was impossible to realize the same prices as Americans.

I may say the Argentine Republic is



Pasha, Imported German Coach, =1329=

Can show a 3-minute gait, weight 1700 lbs. His get took first at Brandon in both carriage and general purpose classes. Owned by Alex. Colquhoun, Brandon, Man. Will stand at Brandon for season 1900.

well-graded Shorthorn is about the best all-round beast. He is a strong advocate of dehorning, preferably when calves. Dehorning provides against ripping and similar injuries in transit, and they always feed better while on the farm. The present market calls for steers and heifers weighing from 1,200 to 1,500 lbs. live weight, which is best produced from cattle when stall fed, rising three years old, and, when grass fed, from cattle rising four. Such cattle should be finished before being marketed to obtain best prices. "When I say finished, I mean fat enough to stand a three weeks' journey, and, under favorable conditions, land in good shape. The journey of sixteen hundred miles in railway cars and three thousand miles by boat does

believe a pure-bred beast of any description can be made a scrub by neglect and poor feeding, but you cannot make any kind of quality by putting feed into a scrub beast.

The men who have made the best success in this Province are those who have kept and handled properly the right class of stock. Some farmers have told me there is no use in raising the class of animal the market most demands, as they cannot realize any more from them than they would from an inferior grade. Well, to a certain extent they were right. So long as the bulk of live stock raised in the province was required for local use, quality did not cut so much figure as it does to-day. But the time has arrived when live stock must

coming to the front fast as a cattle producing country, and Canada will have to look to her laurels if she wants to keep pace with that great Republic, as they are importing the best sires that money can purchase, and their stock is fast improving and practically ruling the English market at present. The only remedy that I see is to raise the standard of our stock by careful breeding and feeding, and John Bull will pay us just as much for our meats as he does our cousins over the border.

Nancy Hanks, 2.04, is in foal to Arion, 2.074.

The famous horse tamer Gleason is a bankrupt.

BREEDERS' DIRECTORY

CARDS under this head inserted at the rate of \$1.50 per line per year. No card accepted under two lines, nor for less than six months.

K. McIVOR, Roselea Farm, Virden, breeder of Shorthorn Cattle and introducer and grower of Western (or native) Rye Grass. Seed for sale, price \$5.50 per 100 lbs. Half rate to all C.P.R. points in Manitoba and N.W.T. Both sex of stock for sale.

D. FRASER & SONS, Emerson, Man. Breeders and importers of Shorthorns, Shropshire and Southdown Sheep. Pedigree Poland China Pigs a specialty, from the best strains in the United States.

W. J. HELLIWELL, Oak Lake, breeder of Shorthorn Cattle, Shropshire Sheep, Barred Plymouth Rock, Light Brahmas and Partridge Cochins. All kinds of above young stock for sale. Prices right.

R. L. LANG, Spruce Bank Farm, Oak Lake, Man., breeder and importer of Shorthorn Cattle, improved Berkshire Swine, White Wyandottes and White Leghorns. Young stock for sale. 2448

WM. McBRIDE, importer and breeder of improved Chester White Pigs. Young stock for sale. Pairs and trios furnished not akin. Address—Wm. McBride, Box 253, Portage la Prairie, Man.

JAMES GLENNIE, Longburn, Man. Importer and breeder of Holstein-Friesian Cattle. Bull Calves of the famous Teake strain for sale. Write for prices. Box 85.

KENNETH McLEOD, Dugald, Manitoba. Chester White and Suffolk Pigs for sale. My stock are prize winners at the Winnipeg Industrial Exhibition.

JAS. TOLTON, Walkerton, Ont., importer and breeder of Shorthorn Cattle and Oxford Sheep. A number of exceptionally fine young bulls. Prices right.

JOS. VUILL & SONS, Meadows Farm, Carlton Place, Ont., breeders of Ayrshires, Shropshires, Berkshires, B.P. Rocks. Young stock for sale.

HENRY LAYCOCK, Rosebank, Man., breeder of Shorthorn Cattle and P. China Swine. Young stock of both classes for sale. Prices satisfactory.

F. W. GREEN, Moosejaw, Assa., breeder and importer of high-class Shorthorns. Some fine young stock for sale, climatized to Western range.

JOHN TURNER, "Bonny Brae Farm," breeder of Polled Angus Cattle. Young stock of both sexes for sale. Address, John Turner, Carroll, Man.

HY. BYERS, Macgregor, Man., breeder of Jersey Cattle. Largest herd in the West, headed by Rover Pops. No. 41020. Young stock for sale.

JAS. ROBERTSON, Beaver Brand Farm, Glendale P.O., Man. Poland China Pigs, Hereford Bull Calf; also Brome and Rye grass seed for sale.

A. J. MORRISON, "Carman, Man. Breeders of Shorthorn cattle. One 11 and one 24 months old bulls of exceptional quality for sale.

W. C. EDWARDS & CO., North Nation Mills, P.Q. Importers and Breeders of Ayrshire Cattle Shropshire Sheep and Berkshire Pigs. 1642F

J. VAN VEEN, breeder of Galloway and Hereford Cattle and Shropshire Sheep, Lake View Ranch File Hills, Port Qu'Appelle, Assa. 1588

W. C. EDWARDS & CO., Rockland, Ont., Importers and Breeders of Shorthorn Cattle, Shropshire Sheep and Berkshire Pigs. 1643F

ROBT. WHITE, Wakopa, Man., breeder of Shorthorns. Herd headed by "Crimson Chief" (24057) Young stock for sale.

EDWARD T. PETAR, Souris, Man., breeder of high-class Hereford and Ayrshire cattle. Correspondence solicited.

L. A. BRADLEY, Portage la Prairie, Manitoba. breeder of Tamworth Pigs. Young Pigs for sale.

JAMES RODGERS, Panima, Alta., breeder of Polled Angus Cattle. A few young bulls for sale.

F. J. COLLYER, Welwyn, Assa., breeder of Polled Angus and Berkshires. Young Pigs for sale.

W. M. SMITH, Fairfield Plains, Ont. Ayrshires, Southdowns, P. Chinas, Duroc Jerseys, Poultry

WM. CHALMERS, Hayfield, Man., breeder of Shorthorn Cattle. Correspondence solicited

GEO. ALLISON, Burnbank, Man., breeder of Shorthorns and Leicesters. Stock for sale. 2481

STEEL BROS., Glenboro, Manitoba. Breeders of Ayrshire Cattle. Young Stock for sale. 1731F

JAMES STANCOMBE, Cartwright, Man., breeder of Shorthorns. Three choice-bred Bulls for sale.

THOS. McCARTNEY, Longburn, Man. Ayrshire Cattle. A splendid pair of young bulls for sale.

ALEX. McNAUGHTON, Roland, Man., breeder of Shorthorns and Pol. Chinas. Young stock for sale

W. E. BALOWIN, Manitou, Man. Tamworths. Orders booked for young Pigs from imp. stock

A. B. SMITH, Moosomin, Assa. Breeder of Cotswolds, Southdowns; Berkshires, Chester Whites.

WELLINGTON HARDY, Pomeroy, Man. Ayrshires and improved Yorkshires. 3 bulls for sale.

J. R. HENRY, Chater, Man., breeder of Berkshire Swine and W. P. Rocks. Write or call.

JAMES WILSON, Innisfail, Alta., breeder of Shorthorns. One fine Alberta-bred bull for sale.

WALTER JAMES, Rosser, Man. Breeder of choice Shorthorn Cattle and Berkshire Swine.

JOSEPH TAYLOR, Elgin, Manitoba, breeder of Shorthorn Cattle. Young stock for sale.

F. MURDOCH, Bru, Man. Shorthorn Cattle. Yorkshire Swine and Shropshire Sheep.

W. C. MURDIN, Plumas, Man., breeder of Ayrshire Cattle. Young bull for sale.

JAS. MURRAY, Breeder of Border Leicester Sheep Young Rams for sale. Lyleton, Man. 1627F

GEO. RANKIN, Hamiota, breeder of Shorthorn Cattle. Stock always for sale. 2443

ALEX. WOOD, Souris, Man., Breeder of Oxford Down Sheep.

WANT, SALE OR EXCHANGE

Under this heading will be inserted advertisements of farm properties, farm machinery, etc., for sale and exchange, farm help wanted, articles wanted and other lines of miscellaneous advertising.

TERMS.—One cent per word each insertion, payable strictly in advance, name and address to be included in the count. No advertisement will be taken for less than 25 cents.

H. Lee, Shaw Farm, Yorkton, breeder of B. P. Rocks. writes to say that he has sold all his B. P. Rock cockerels. Eggs for sale, \$1.00 per 13, from pen mated with cockerel from Andrew Graham.

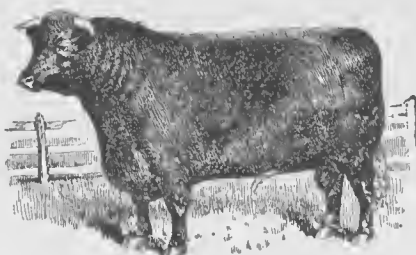
Farm for Sale.—Undersigned offers for sale N $\frac{1}{2}$ 28-14-26w1, 7 miles from Miniota: first-class concrete house, good water, splendid improved farm in good shape.—Wm. Buzza, Beulah, Man. 7-10

Farm Land and City Property for Sale.—Lands for sale in almost every municipality in Manitoba. Write for particulars—R. S. Conklin, cor. Main and Market sts., Winnipeg, Man. 6-7

For Sale.—Cultivated farm; also cheese and butter factory, near Silver Plains, Man., on Northern Pacific railway, about one mile from station, 21 miles from Winnipeg. Everything in good order. For particulars, write John S. Campbell, Silver Plains, Man. 6-7.

Farm For Sale.—At Innisfail, Alta. Choice homestead farm, fenced and divided, 30 acres broken, no scrub, good hay slough, house, stables, etc., 1 $\frac{1}{2}$ miles from creamery. Also 30 cattle, 4 horses implements and effects, Melotte separator and household effects. For full particulars, apply to S. Twissell, Innisfail, Alta. 6-7.

W. D. FLATT HAMILTON, ONTARIO.
Importer and breeder of
SHORTHORN CATTLE.



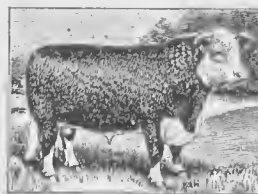
Golden Fame (Imp. 26056) (72610).

My herd is one of the largest in America, both imported and Canadian bred. A very choice selection of both sexes always on hand for sale. Personal inspection invited. Address all communications:

JAMES SMITH, Mansger, Millgrove, Ont.
Ry. Station and Telegraph, Hamilton, Ont., on main line Grand Trunk Ry.

For
Herefords

call on or
write
J. E. MARPLES,
Poplar Grove
Farm,
Deleau, Man.



When writing advertisers mention the Nc. West Farmer.

Marchmont Stock Farm.

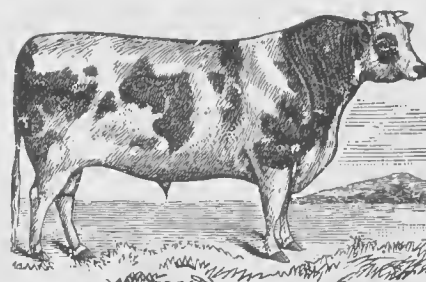


SCOTCH - BRED SHORTHORNS

8 YEARLING BULLS,
8 BULL CALVES,

Of great quality and breeding, at moderate prices.

W. S. LISTER, Middlechurch P. O.,
Telephone. (7 miles North of Winnipeg.)



Holsteins, Yorkshires, Berkshires

Holstein bull, 1 yr. Yorkshires, all ages, on hand. Orders for spring delivery of Yorkshires and Berkshires booked now. **A. B. POTTER**, Montgomery, Assa.

OAK GROVE FARM.

**SHORTHORN
CATTLE and
LARGE, IMPROVED
YORKSHIRE
SWINE**



Among the Shorthorns recently imported from Ontario, I have for sale a few very fine heifers, also a fine bunch of sows with pig, and a few choice boars fit for service.

Orders booked now for Young Pigs.

JAS. BRAY, Longburn, Man.



**PLAIN
VIEW
STOCK
FARM.**



The home of Shorthorns, Cotswolds and Berkshires. The most successful herd of Berkshires in the Dominion in the leading fairs during the last 4 years. My Berkshires consist of 4 of the best Boars and 16 of the best breeding Sows I ever had, all prize winners. Bulls, Boars, Sows, Ram Lambs and Barred Rocks for sale at reasonable prices. Booking orders for spring stock. My herds are not large, but choice. Come and see them, or write for prices.

F. W. BROWN, Prop., Portage la Prairie

R. McLENNAN, Moropano P.O., Man.

Lakeside Stock Farm.

SHORTHORN

COWS AND HEIFERS

of first-class breeding for sale, in calf to imported bull Sir Colin Campbell.



PIONEER HERD OF SHORTHORNS



I have been breeding Shorthorn Cattle right here for over a quarter of a century. I breed my own Show Cattle, and last year had at the Winnipeg Industrial the Gold Medal Herd. First for Bull and two of his get, and first for Cow and two of her progeny. I usually have stuff for sale, and am always pleased to show it.

WALTER LYNCH, Westbourne, Man.

Preparing Horses for Spring Work.

The busy spring season will soon be here and it is most important that horses should be prepared for spring work so as to get the maximum amount of labor from them with the least waste of energy and flesh. It is none too soon to begin now to prepare the horses. Horses that have been doing a certain amount of work are much more easily put in shape because their muscles have been more or less exercised and are not so soft and useless as those of horses doing nothing all winter and standing in the stable. Those horses that have been fairly well fed and that have been out every suitable day for a run in the yard or fields, will be hardy and their systems will possess a vigorous tone which can soon be put in good working condition. The horses should be gradually brought to work and some light work is always best to start with. It is

moderate work for a little. This will make the collar conform to the shape of the horse's shoulders. While this plan means a little trouble it may save much more than that amount of trouble later on. Then the harness should fit in all parts, so that there will be no chafing. This matter cannot always be left to the hired man, but wants the personal supervision of the owner.

If the shoulders are very soft they can be hardened by washing with alum water when the horses come in from work, but the best plan is to harden them with gradually increased work. A little care and attention given to the soft horses that have to be pressed into service when the busy work of seeding begins will save many a horse considerable pain, and be the means of accomplishing more work as well as saving the driver a lot of extra work at a time when he is as busy as he can be. Where the season is so short as it is here it is a matter of great importance that the horses and their harness be

It is estimated that there is from 35 to 40 per cent. fewer sheep on feed at the principal feeding centres in the U. S. than at this time last year. This should mean good prices.

An English horticulturist says that both rats and mice have a great aversion to mint and one of the surest ways to get rid of them is to sprinkle with extract of mint their haunts and the tracks they follow.

Scottish Archer, the grand old Short-horn bull which has figured so conspicuously as a sire of high-priced stock, is now 11 years old and still good for service. He could not be longer used on a farm where so many of his own progeny are around, and has been sold to Lord Middleton, an English breeder.

Rev. D. Holford, of Birtle, informs us that through his advt. in *The Farmer* for his "horse master" he has received enquiries and letters from a large part of the world. The invention is now patented in



Scene in the Brandon Nursery, H. L. Patmore, Proprietor, Brandon, Man.

In the foreground are seen one year transplanted maple seedlings; the large trees in background are maples 15 years from seed, which range from 30 ft. to 40 ft. in height, some of the stems being 30 inches in circumference. This was formerly bare prairie with not a tree in sight; the soil is varied, being principally gravel and sandy loam with clay streaks.

unwise and unprofitable to plunge a soft horse into heavy work; his muscles are not hardened, and serious injury may be done which may render his season's work a long way less than if a few days more had been spent in getting his muscles hardened. A few days' easy work at the beginning of the working season will do much in starting a horse on a successful summer's work. Horses that have been tied up in the stall and not out except for water, and often not even for that, require a thorough preparation for work. It should begin weeks before they are wanted for steady heavy work, so as to gradually strengthen and tone up the muscles.

Another important item in getting horses in good shape is to have a perfect fitting collar. Each horse should have his own collar and it should be kept for his exclusive use. Changing collars is a frequent source of sore shoulders. It is a good plan to soak a new collar, or an old one when it is to be used on a new horse, for 24 hours in lukewarm water, then put it on the horse, fit it up snugly, then buckle on the harness and put the horse at

in the very best condition for active work, so that they may be capable of doing a maximum day's work when it will count for the most. It is wise economy.

The American farmer who now has sheep realizes that they are good stock to keep.

Birtle holds its spring show on April 24. One of the stipulations made is that prize-winning stallions are to stand in Birtle at least one day in each week during the service season.

Professor Sheldon thinks that the Ayrshire breed of dairy cattle is the hardest to be found, not only in Scotland, but anywhere else. Perhaps he has never heard of the French-Canadian cow.

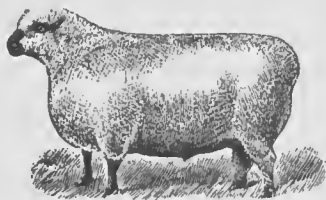
The Royal Agricultural Society of England has gone on record against the excessive coloring of sheep practised in the show ring. But little of it is seen in Canada, but in the English show yards one is somewhat startled by the varying hues seen.

Canada and the United States, but he also is taking out papers for Great Britain and Ireland, Germany, France, Belgium and Austria.

Sometimes where a number of sows with litters about the same age are running together, the older pigs learn to steal from the younger ones, crowding them away from their dams and taking their share of food. In such a case it may be necessary to separate the sows with their litters. If there is little difference in the size of the pigs sometimes pulling the tusks of the robbers will stop the trouble.

If pedigree leads to the worship of ancestry, to the neglect of plainest principle of correct form and function in the representative descendant, then better abolish pedigree. Degenerate sons will never carry through their veins the blood of worthy sires and deliver it untainted to their descendants. Blood is all very well; yet the individual whose veins are supposed to be saturated with it must carry with him the evidence in his form, in his function and performance.

ROXEY STOCK FARM, BRANDON, MAN.

J. A. S. Macmillan,
Importer and Breeder of Pure-BredClydesdales, Shire and Hackney Stallions
and Mares, Shorthorn Cattle and
Shropshire Sheep.Correspondence solicited. Inspection invited.
Prices right. Terms easy. Full particulars on ap-
plication. Apply P. O. Box 483, Brandon, Man.**Elmwood Stock Farm**
SCOTCH SHORTHORNS.For sale, 3 grand young bulls, all got
by imported sires, and out of extra
good cows by imported bulls.

H. O. AYERST, MIDDLECHURCH, MAN.

**GOLD MEDAL HOME BRED
SHORTHORN HERD.**Young Bulls and Heifers for sale, sired by
Nobleman (imported), Stanley 6th, and Tops-
man, champion bull at Winnipeg, Toronto, Lon-
don and Ottawa in 1899.This herd also won the Open Herd Prize against
all comers and first for bull and two of his get.
This is the Herd to buy from.

Berkshires and Yorkshires.

J. G. BARRON Carberry, Man.

CHOICE YOUNG ShorthornsI offer 8 choice young Bulls, sired by prize-win-
ning sires; also a few Heifers, 1 and 2 years old.

For particulars, write—

WM. CHALMERS, Hayfield, Man

Bulls! Bulls! Bulls!I will undertake commissions to select pure-bred
bulls of any breed for ranchmen, and will attend to
their careful shipment. Correspondence solicited.

WM. SHARMAN,

Ridgewood Farm, - Souris, Man.

J. A. S. MACMILLAN,

Live Stock Agent and Importer, BRANDON.

Having a large connection amongst many of the
foremost breeders in Great Britain, I guarantee to
supply pure-bred Horses, Cattle, Sheep and Pigs of
any British breeds for exhibition or breeding pur-
poses on the most favorable terms. Satisfaction
guaranteed. Prices on application. P. O. Box 483**LARGE ENGLISH BERKSHIRES**A few Sows fit to breed, also some August
Pigs. Am breeding some first-class Sows
for spring litters. Two first-prize Boars at
head of herd. Now booking orders.

Write for prices.

JOSEPH LAIDLER, - Neepawa, Man.

Holstein Bull for Sale Cheap

A Pure-Bred Yearling.

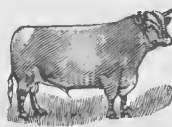
Bred from stock from Experimental Farm, Indian
Head. Apply to

C. C. MACDONALD,

232 King Street, WINNIPEG.

HORSEMEN! THE ONLY GENUINE ISSee regular advertisement in last issue of this pa-
per. Absolutely SAFE for any person to use.
RELIABLE in results. Special information re-
garding any case sent FREE on request. Write for
circulars. Price \$1.50 per bottle, express prepaid.**THE LAWRENCE-WILLIAMS CO.,**
21 Front St. W. Toronto, Ont.**D. McBETH,** OAK LAKE
MAN.

BREEDER OF

**Clydesdale Horses**
AND
Shorthorn CattleI have a number of promising young Stal-
lions for sale.My Shorthorn herd is headed by "Best Yet,"
bred by Hon. John Dryden, of Brooklin, Ont.
A number of young stock of both sexes, all re-
gistered, are for sale, and can be recommended
as first-class animals.

Correspondence solicited. Prices right.

R. REED-BYERLEY, Cook's Creek, Man., breeder
and importer of Clydesdales. Headed by Gem
Prince, sired by Cedric. Correspondence solicited.**SWEEPSTAKES HERD OF
LARGE ENGLISH BERKSHIRES**At Winnipeg Industrial, 1899. Herd headed by three
first-class boars—Perfection (4760), Proud Victor
(4601) and Prince (4600). A few sows fit to breed;
also some choice September pigs, both sex, for
sale. I am also booking orders for spring pigs from
the best lot of sows I ever had at one time. Pairs
supplied not akin. Correspondence solicited.

R. MCKENZIE, - High Bluff, Man.



For sale a few first-class registered

BERKSHIRE BOARS

ready for service, price \$15.

High-class B.P. Rock Cockerels.

2 or 3 excellent young Berkshire Sows in pig.

Wm. Kitson, Burnside, Man.

**STALLIONS
FOR SALE.**One registered CLEVELAND BAY, Vol. 4, No. 1733,
York., England; Vol. 2, No. 648, Springfield,
Ill.

ONE PACING STALLION.

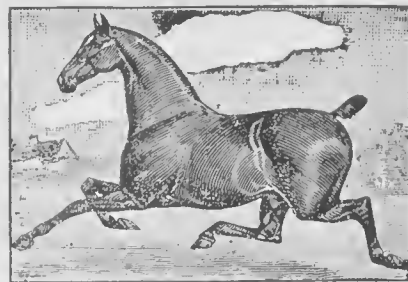
For further particulars apply to—

McCallum Bros., Moosomin, Assa.

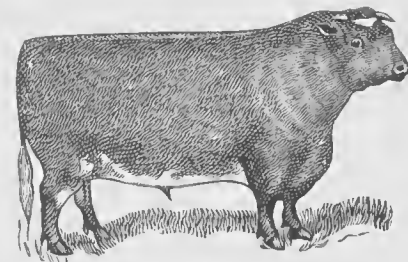
Farms and Stock

For sale at all times. Apply to

H. R. KEYES, - Midway, Man.

**HACKNEYS FOR SALE.**Several Hackney Stallions, pure bred and re-
gistered. Can also supply yearling Hackney Stallions
in the spring, with three crosses (unregistered).**RAWLINSON BROS.**

Box 20, CALGARY, ALTA.

**J. E. SMITH,** Importer and Breeder here
for sale**CLYDESDALES**—Stallions and Mares, all ages.**SHORTHORNS**—Bulls, Cows and Heifers.All animals registered in their respective herd books. Every-
thing for sale, except the stock bulls. Lord Stanley and Golden
Meas are imported. If notified, visitors met at the station. Come
and see stock. Satisfaction guaranteed. Write or wire—

J. E. SMITH, P.O. Box 274, Tel. 4, SMITHFIELD AVE., BRANDON.

W. L. TRANN, CRYSTAL CITY, MAN.

Proprietor of Boundary Herd of

POLAND CHINA SWINEOur herd are direct descendants of such noted hogs
as Canada Wilkes, Guy Wilkes 2nd, M. P. Saunders,
and the Tecumsehs. Nothing but first-class stock
shipped. Write for what you want; satisfaction
guaranteed. Prices always reasonable. Nothing but
choice sows kept for breeders. We are now booking
orders for spring pigs of 1800. We have a few good
winter pigs for sale. Write and describe what you
want, and we will endeavor to treat you as we would
wish to be treated.**GOLD STANDARD HERD
OF REGISTERED BERKSHIRES.**I am now booking orders for spring pigs, bred from
large mature stock, and sired by boars weighing from
500 to 800 lbs., sows from 400 to 750 lbs. No better
Berkshire blood on the continent, combining large
size, easy feeders, beautiful heads, perfect markings,
deep-sided bacon type. Unrelated pairs or single
lids of either sex supplied. Orders solicited.

Address— J. A. MCGILL, Neepawa, Man.

ALEX. D. GAMLEYI have the largest flock of
LEICESTERS
in the West. Stock of both sex always
for sale.

BOX 193, BRANDON, MAN.

C.P.R. Special Shorthorn Prizes.

It has been announced by Manager Heubach that the C. P. R. intend to continue the policy of encouraging the live stock industry of the west by offering special prizes for competition in the Shorthorn classes at the Winnipeg Industrial this year for animals bred in Manitoba, the Northwest Territories and B.C. The following prizes will be offered by them: Bull, two years, \$20, \$12, \$8; bull, one year, \$15, \$8, \$5; calf, under one year, \$12, \$8, \$4, \$2; heifer, three years, \$20, \$12, \$8; heifer, two years, \$20, \$12, \$8; heifer, one year, \$15, \$8, \$5; under one year, \$12, \$8, \$4, \$2; herd, two years and under, \$20, \$12, \$8; bull, any age, \$10; cow, any age, \$10.

This generous action on the part of the C.P.R. will make a welcome addition to the prize list, making the prize money offered for Shorthorns at Winnipeg such as should draw out a larger exhibit than ever seen there in the past from our home bred herds, and should also tempt exhibits from outside points.

Loss by Infected Cars.

An interesting case has recently been decided in Illinois. Judgment in a circuit court was given against the Illinois Central railroad for the value of cattle shipped on their road in cars that were afterwards proven to have carried stock infected with Texas fever. A number of the cattle were infected and died, and their value was sued for. The decision against the railroad was appealed to the Appellate and Supreme courts, but without success. The Supreme court held that before using the cars the company should have had them disinfected, and having failed to use this precaution for the protection of innocent shippers, the company is liable for the loss due to their neglect.

Cattle Feeding for Profit.

John McMillan, M. P., is well known as one of the very live practical cattle feeders of Ontario. At a recent institute meeting in East Essex he gave his views on "Feeding for Profit" as follows: It is in entire accord with the practice of L. H. Kendrick, as given on page 82 of this year's Farmer. Mr. McMillan said: "Beginning with the calf, neither calves nor older cattle should be let go back. They should be kept growing all the time. I feed ensilage regularly, and have a good deal to say on the value of this as a food." In answer to a question as to how often cattle should be salted, he said he fed salt with every feed. When asked if one could raise a two-year-old and sell at a profit, he answered: "Yes, at any time." The calf must be taken as soon as dropped, and be kept growing. He had raised them at a cost of \$47 and sold them for \$60.

Maud S. (2.08½), foaled in 1874, the world famous mare and former queen of the light harness turf, died of heart disease on the 17th of March. She was the only one reserved at the sale of the famous collection of horses owned by the late Robert Bonner. She was buried beside Dexter, equally famous in his day. She held the record from July, 1885, to October, 1891, when Sunol lowered it to 2.08½. Mr. Bonner paid \$40,000 for her.

An interesting case is reported from a Minnesota Farmers' Institute meeting. A sheep raiser wanted to know how to prevent ewes having too many lambs. Nearly all his ewes had triplets this spring and the

rest had twins. He didn't object to twins, but he drew the line at triplets. His sheep were grade Cotswolds and Oxford Downs, and ran on rape and turnips at breeding time last fall. The thriving condition of his ewes at breeding time no doubt explains the prolificacy of his flock.

The fourth annual meeting of the American Tamworth Swine Record Association was held at the city of Flint, Mich., Feb. 21st, 1900. The association is in a prosperous condition. The past year has seen new members added, and an increase in the number of animals recorded. The membership is in eleven states and provinces, and indications are pointing to a wider spread of the organization. The finances are in good shape—no debts and a small balance in the treasury. President, E. O. Wood, Flint, Mich.; secretary and treasurer, E. N. Ball, Hamburg, Mich.

Through the assistance of Secretary of Agriculture Wilson arrangements have been made for making the first real census of live stock ever taken in the history of the United States. The National Live Stock Association has agreed to co-operate with the census bureau to the end that the work may be as complete and perfect as possible. Briefly, it is proposed to secure a classified enumeration of cattle, sheep, hogs and horses in the United States, their ages, sex, class, and as far as possible such matters in relation to the live stock industry as will be of interest and value to the stockmen.

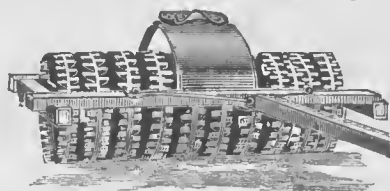
Border Leicesters.

I am offering my entire flock of Border Leicesters for sale. This flock has won the flock prize for the last eight years at the Winnipeg Industrial. The flock consists of 18 Ewes and 7 Rams. Prices right.

JAS. MURRAY, Lyleton, Man.

Here is the Implement that You Want for your Light Soil.

It is used by Progressive Farmers everywhere

**THE McCOLM SOIL PULVERIZER AND COMPRESS FIELD ROLLER.**

It crushes and grinds all clods, packs the soil with out making a smooth, hard surface; no parts to wear or get out of repair. For particulars, address—

The H. P. DEUSCHER CO., Hamilton, Ohio.

SOMERVILLE & CO.,
STEAM MARBLE
AND GRANITE WORKS
BRANDON,

Dealers in Marble and Manitoba Granite

MONUMENTS, HEADSTONES,
MANTELPIECES,
CEMETERY FENCING,
TABLETS, ETC.

Rosser Ave., Brandon, Man.

Represented by W. Somerville, W. C. Stewart,
A. W. Thomson, E. Patterson.

When writing mention this paper

When writing advertisers mention the Nor'-West Farmer.

LANGUID

children are sick children. Their inactivity and sober faces are not in keeping with robust childhood. They lack vitality and resistive power, and are very susceptible to colds and contagious diseases.

Scott's Emulsion

brings new life to such children. It enriches the blood; it restores health and activity; it gives vigor and vitality to mind and body.

50c. and \$1.00. all druggists,
SCOTT & BOWNE, Chemists, Toronto.

Of Interest to Farmers who have Scrub to Remove.

My Patent Land Scrubber has been tested in all kinds of scrub during the past season throughout Manitoba and the Territories, as the unsolicited testimonials below will show

These land scrubbers are made powerful enough to pull the heaviest scrub, and are guaranteed unbreakable, and will really last a lifetime.

One man with one team will remove as much scrub, root and branch as five men will cut out, and will do it right.

No scrub plow needed after the scrubber has been used.

I am also building a power to operate the scrubber. One horse is all that is required, being equal to six with a 6-inch roller, or by using a team and making the roller or shaft 12 inches in diameter, you will still have the same power, but will double the speed of the scrubber. The horse walks straight out, not in a circle. Every ten feet, six inches travelled by the horse draws the scrubber 18 or 36 inches forward, according to size of roller. Weight of power, about 400 pounds.

Correspondence solicited. All questions willingly answered.

Address A. E. BROWN,
Box 18, Hamiota, Man.

Innisfail, Alta., May 22, 1899.

Mr. A. E. Brown, Hamiota, Man.: Dear Sir,—Enclosed find order for another of your scrubbers. I am very much pleased with the way mine works. I think it just the thing. Yours truly, W. J. McClure

Dauphin, May 31, 1899.

Mr. A. E. Brown, Hamiota: Dear Sir,—I have been out showing your scrubber. I enclose orders for four. I assure you it gave splendid satisfaction. Yours truly, D. A. Scarff.

Wapella, June 4th, 1899.

Mr. A. E. Brown, Hamiota, Man.: Dear Sir,—Enclosed find two orders for Scrubbers. I let them try mine and they were so well pleased with it that they came and ordered one at once.

Yours truly, Thos Adams.

Demill College ST. CATHERINES, Ont.

24TH YEAR.

Extensive courses of study under an efficient staff. Special advantages in Music, Art and Commercial Work. A cultured Christian home for young ladies. Pupils may enter at any time. Terms reasonable.

Rev. A. B. DEMILL, President.

EXTRACT FROM A RECENT LETTER

November 30, 1899.

Accept my thanks for the fine instrument you have sent me, and you may be sure that if I can do anything to recommend your house I will do my best. Goods perfect and up-to-date.

Yours truly,

Be treated likewise at

Turner's Music House, Portage Ave, Winnipeg.

BOLE'S CONDITION POWDER

In 1 lb. packages, 25 cents per package.

A capital tonic, diuretic and vernifuge

**For Horses, Cattle,
Sheep and Hogs.**

The best spring medicine made for horses

THORNCLIFFE STOCK FARM.

Largest Stud of Clydesdales In Canada

Headed by the champion stallion
of all ages LYON MACGREGOR.

STALLIONS & COLTS from the best blood in
Scotland and Canada.

AYRSHIRE BULLS & HEIFERS from import-
ed stock.

BEST MILKING STRAINS with good teats.

TERMS REASONABLE.

A visit to Thorncliffe will repay you.

**ROBT. DAVIES, Thorncliffe
Stock Farm, TORONTO.**

Thorncliffe Stock Farm

**JOHN S. ROBSON,
MANITOU, MAN.**

30 SHORTHORN BULLS

and as many

HEIFERS FOR SALE.

Write me before buying.



Wm. Stewart & Son,

MANIE P.O., ONT., CANADA,

Breeders and Shippers of

Highest Class Ayrshire Cattle,

AND FANCY POULTRY.

Stock for sale. Eggs in season. Our stock in-
cludes winners at Toronto, London, Kiugston,
Montreal, Ottawa, Boston, New York and World's
Fair.

Poultry specialties: Brahmas, Rocks, Wyandottes,
Games, Leghorns, Minorcas, Hamburgs, Houdans,
Red Caps, Dorkings, Polands, Bantams, Turkeys,
Geese and Ducks. Write for particulars.

T. GOSNEY, MIAMI, MAN.

Breeder and Importer
of **LARGE ENGLISH Berkshires**

—AND—

BARRED PLYMOUTH ROCKS.

Two March litters from very large sows on hand.
One imported sow, to farrow 1st of April. Price for
pigs during May, \$8.00 and \$10.00 each.

Try a setting from my imported Rocks, at \$1.50
per 13 eggs.

Fresh eggs and bacon—Order early and save high
express charges.

Buy your boar or bull from the breeders. Up-to
date farmers don't need charity. Call or write.

CLYDE STALLIONS FOR SALE

The 5-year-old Clyde "Lord Stanley," (2588) by
"Erskine's Pride," imp. dam, also by imp. stock, is
a large horse, with plenty of style, quality and ac-
tion. Also "The Squire" and "Lawrence
Erskine," a pair of 2-year-olds, both prize winners
in Ontario past two seasons. Write to—

HENDERS BROS., Treherne, Man.

HOPE FARM GALLOWAYS.

Three good yearling home-bred Bulls still for sale
also one imported from Ontario. To make room for
some importations from Scotland, these will be sold

At very Reasonable Prices.

Hope Farm, **T. M. CAMPBELL,**
St. Jean Baptiste, Man. Manager.

LARGE IMPROVED YORKSHIRES. Young stock
OXFORD DOWN SHEEP. for sale.
BUFF WYANDOTTES. Eggs in
BUFF LACED POLANDS. Season.
S.C. BROWN LEGHORNS.

J. B. JICKLING, Carman, Man.

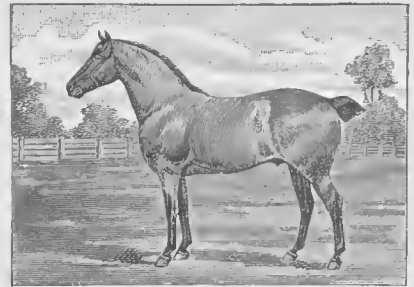
4 Young (Golden Royal—24402—)

SHORTHORN BULLS

Good size, grand feeders, in good growing order,
and from choicely-bred dams.

J. H. KINNEAR, Sourla, Man.

SANDY BAY STOCK FARM. HACKNEYS



Rosseau Performer (5391 E.H.S.B.).

We have on hand several Hackney Stallions, both
imported and Canadian-bred, all of the best strains,
and all prize-winners at our best shows. Entire
horses will soon have their routes laid out, and own-
ers cannot afford to disappoint their patrons. Apply
now and get reasonable quotations. Send for cata-
logue and particulars to—

HORACE N. CROSSLEY,

Present address, 91 Woodlawn Av., Toronto, Ont.

FOREST HOME FARM.



6 Young Bulls by
Manitoba Chief and Robie
O'Day, and out of some of
our best cows.

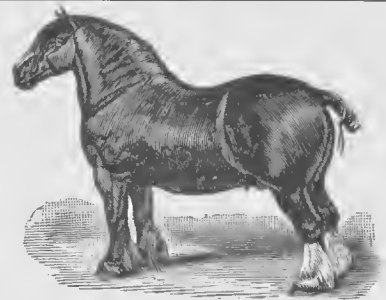
9 BERKSHIRE SOWS,
of choice quality and breed-
ing, from 5 months to 3
years.

The standard of our
Yorkshire herd is steadily
improving. Our stock boars
(one winner of Sweep-
stakes at last Industrial,

the other recently imported from England) are
grand specimens of the breed. A choice lot of sows
ready to breed. About 50 B.P. Rock cockerels, strong,
healthy birds of great size and good marking. All
at reasonable prices.

ANDREW GRAHAM,

Roland, N.P.R. Carman, C.P.R. Pomeroy P.O., Man.



Having four Stallions, a Coach, a Road Horse and
two Clydesdales, will sell one of the Clydesdales and
a Road Horse. These horses have proven to be
good stock animals and am only selling because I
cannot handle so many. For full information apply
to **ALEX. COLQUHOUN, Brandon, Man.**

CREDIT SALE BY PUBLIC AUCTION OF REG. SHORTHORN CATTLE

**FARM STOCK, IMPLEMENTS
and HOUSEHOLD EFFECTS on**

Tues., April 10, 1900

1 reg. **Shorthorn Bull**, 2 yr. old, bred by A. Graham, Pomeroy, Man., 1 reg. **Short-
horn Cow**, 8 yr. old, in calf; 1 reg. **Shorthorn Cow**, 6 yr. old, in calf; 1 reg. **Short-
horn Cow**, 3 yr. old, in calf; 1 reg. **Shorthorn Cow**, 2 yr. old, in calf; 1 reg. **Shorthorn
Heifer**, 3 yr. old, in calf; 1 reg. **Shorthorn Heifer**, 2 yr. old, in calf; 1 reg. **Shorthorn
Heifer**, 8 months old; 1 reg. **Shorthorn Bull**, 14 months old.

Also all Farm Stock and complete set of Implements.

As the proprietor has sold his farm and is giving up farming, the above stock and im-
plements will be sold without reserve, affording an excellent opportunity to secure pure-bred
cattle of excellent quality for foundation herd.

TERMS.—Six months' credit on approved note for all sums over \$10, under that amount cash.
Sale to commence at 1 o'clock sharp on the farm, 1½ miles north-east of **CYPRESS RIVER.**

S. MCLEAN, AUCTIONEER

ISAAC MOORE, PROP.

DENTONIA PARK FARM

**EAST
TORONTO**

COLEMAN, P.O.

W. E. H. MASSEY, Prop.

DENTONIA JERSEY HERD.

**2 HANDSOME YOUNG BULLS
For Sale**

Fit for service, one out of imported stock
and one a splendid individual of the St.
Lambert family, and exceedingly well bred.

This herd comprises several head of imported Jerseys.
It won the herd prizes at Toronto and London Fairs
last fall.

Address DENTONIA PARK FARM, Coleman, Ont., Canada.

Don't Sell Your Stock

We are prepared to advance money to
good farmers and small ranchmen to carry
their young stock to maturity and to pur-
chase store stock for fattening, at moderate
rates.

HASLAM & WRIGHT,

Private Bankers,

Forum Block,

WINNIPEG.

Bulls. YOUNG SHORTHORNS.

Right kind, right ages, at right
prices. Also **COTSWOLD SHEEP**
as good as are bred. **D. Hysop & Son, Box 492,
Killarney, Man.**



Answers to Questions.

By an Experienced Veterinarian.

As it is desired to make this column as interesting and valuable as possible to subscribers, advice is given in it free in answer to questions on veterinary matters. Enquiries must in all cases be accompanied by the name and address of the subscriber, but the name will not be published if so desired. Free answers are only given in our columns. Persons requiring answers sent them privately by mail must enclose a fee of \$1.50. All enquiries must be plainly written, and symptoms clearly but briefly set forth.

An Impotent Bull.

P. B., Killarney, Man.: "We have three Shorthorn heifers which were served by a bull several times that was not prolific. Have since had them served by two different bulls, but they are not with calf yet. One of them had a calf last spring. Would the service by the first bull be the cause of the trouble? If so, is there any remedy?"

Answer.—The service by the first bull would not affect the females so as to prevent them from becoming in calf to the second. Try again.

Sore Back.

G. C. Warren, Wolseley: "I have a mare that has a sore on the backbone above the hips, caused by a knot being tied in the crupper of the driving harness. The sore continues to live and is very hard to cure."

Answer.—Bathe the sore twice a day with the following lotion: Sulphate of zinc, half an ounce; acetate of lead, half an ounce; soft water, one pint. As soon as it has dried up and shows a tendency to scab over, use a little zinc ointment on it every day.

Symptoms of Tuberculosis.

Farmer, Treherne: "Have a cow, eight years old, which coughs occasionally. Is it a symptom of tuberculosis?"

Answer.—If the cough is the only symptom presented by the cow, the probability of tuberculosis would be slight unless there was a history of the disease in the herd she came from or is living with. Should any other symptom be developed in addition to the occasional cough, such as loss of flesh or condition, the probability of tuberculosis would be very great. In any case the tuberculin test would do the cow no harm, and would decide at once whether she was free from the disease or not.

Boiled Linseed Oil.

Subscriber, Plumas: "Kindly tell me what action boiled linseed oil would have on horse's stomach if given as a physic. Is it ever given as a physic?"

Answer.—Boiled linseed oil should never be given to horses. Instances are on record of fatal results from the accidental administration of boiled oil in mistake for raw. The boiling seems to produce a change in the oil which renders it injurious to horses, and perhaps the materials which are added as driers may have a directly poisonous effect.

Probably Tuberculosis.

J. T., Oak Lake: "I have a cow which will calve this spring. Last winter she was very poor and coughed a lot. She was fed on roots and straw. She got fat again last

spring, and this winter I fed the same feed over again and again. She is very poor, while my other cattle are in good shape. I have been feeding chop for the last two weeks, two gallons a day. The chop, after being eaten by this particular heifer, can easily be seen in the dung, thus doing no good. Please tell me whether the milk is good from such a cow, and what ails her."

Answer.—The cough and loss of flesh are characteristic of tuberculosis, and you should ascertain this by having her tested by a veterinary surgeon with tuberculin. The disease is infectious and may spread through your herd if it gets a chance. The milk of a diseased cow often contains the germs of this disease, and therefore you should not use the milk for any purpose unless the germs are destroyed by boiling the milk.

Hand Raising Colts.


R. R., Cordova: "Can you advise as to the best method of raising a colt by hand? I have two mares in foal and I need them to work constantly on the farm."

Answer.—Rearing colts by hand is at best a poor substitute for nature's method, and no matter what substitute for the mother's milk is used, the colt never does as well as he would have if reared in the natural way. If you decide to take the foal from its mother at once, it should be given something to take the place of the colostrum or first milk secreted, which is a natural laxative to the young animal, and causes a proper evacuation of the bowels. Half a cupful of sweet oil may be given for this purpose before attempting to get the foal to drink. During the first few days the foal should be fed every three hours, gradually lengthening the interval as the colt grows older and learns to eat other food. The milk must always be fresh sweet and warm, and should be diluted with a little lime water, and sweetened with sugar. The difference between the milk of a mare and of a cow is that the former contains more fat and sugar and less casein. The addition of lime water and sugar to cow's milk makes it more nearly resemble mare's milk in composition, but it still is deficient in fat. This can be added in the shape of cream, or as a cheaper substitute, boiled flax seed tea, the seeds being strained off. Lime water can easily be made for yourself by placing a lump of quick lime as large as a brick in a pail of water, allow it to stand for a time and then pour off and use the clear portion. Add two tablespoonfuls of this to each pint of milk, and a large teaspoonful of sugar. As soon as possible get the colt to eat oats. Begin by offering him a little oatmeal from the hand, and as soon as he relishes this he will eat a few crushed oats night and morning.

Eczema.

J. T. W., Carnduff: "Have a young mare, 3 years old: was running out in day time, kept in stable at night. She started to swell under the belly and between the front legs; got very itchy, would rub and bite the hair off. Some kind of water ran out of her skin until she would be quite wet."

Answer.—There is a possibility of this being a case of mange, but, unless you know of some way in which she could have become infected, it is more likely to be a simple case of eczema, a skin disease characterized by an itchy eruption with a discharge of yellowish, watery fluid from the affected parts. You should begin treatment by clipping the mare all over. Give her a bottle of raw linseed oil, and after that has operated, give, twice a day in a bran mash, a tablespoonful of finely powdered hyposulphite of soda. Bathe the parts affected with the following lotion, twice a day: Goulard's extract, 2 oz.;



LUMP JAW

QUICKLY CURED.

A case of lump jaw in your herd means immediate loss; it may mean the infection of the rest of your herd; it may result in the distribution of the germs all over your pastures. All loss and danger can be positively averted by prompt use of

Fleming's Lump Jaw Cure

The only radical cure known. Is endorsed by the most prominent ranchers and shippers of the continent. Easy to use. Is applied externally. One to three applications cure. Leaves jaw sound and smooth. Cannot harm in any way. One bottle usually cures two or three ordinary or one severe case. Price \$2.00. Sold by druggists. Can be sent anywhere by mail.

Money cheerfully refunded if the remedy ever fails.

FREE:—Some important reports and an illustrated treatise on Lump Jaw. Write for them.

FLEMING BROS., Chemists,
St. George, Ont.



Contains a remedy for all diseases to which Horses and Cattle are liable. Sold by agents in all towns at \$4 each.

Holmfild, Man., Oct. 14th, 1898.
Mr. Mayer: Sir—I am the owner of one of your Farmers' Medicine Chests, and have used quite a number of the preparations, and I must say they are the most wonderful remedies that I have seen, and I am sure that they have only to become better known to be used in every stable. Wishing you every success that your remedies deserve. Jas. Stancombe, 25, 2-15.

Prepared only by **S. S. MAYER, Cartwright.**

FREE

This reliable boy's watch for selling 2 dozen Belt Pins at 10 cents each, or this exquisite and accurate lady's watch for selling 3 dozen. These beautiful pins come direct from Paris, where they are, at present, all the rage. Return this advertisement with your address and we will mail the pins. Sell them, send us the money, and we forward your watch, all charges paid.

HOME SPECIALTY CO., BOX NW TORONTO.

GRIND YOUR GRAIN AT-HOME

and save the toll. You have the horses, we have the power and mill. Thousands of the.

PEERLESS MILLS

are now in use. They work FAST, FINE, EASY. Make family meal or feed. Agents Wanted Everywhere. Circulars, prices, etc., free.

W. J. ADAM, JOLIET, ILL.

When writing advertisers mention the Nor'-West Farmer.

soft water, 1 quart. After the bathing dust the raw places with this powder: Powdered talc and starch, of each 2 oz.; oxide of zinc, half an ounce. Exercise every day, and if she is in good condition don't give her much grain, but if, on the contrary, she is run down, feed pretty liberally.

A Barren Cow—Clipping Horses.

Enquirer, Oak Lake: "Will you please answer my two questions in your next issue? 1 have a thoroughbred cow that calved 1st of Nov., and has never come around since. She is in good order and a bull has been running with her for a short time each day. Is there anything I could give her to help her along? 2. What is your opinion on clipping working horses in the spring? Is it better to do so or not?"

Answer.—1. Very likely your cow is too fat and the function of the ovaries is temporarily suspended from their being encased in adipose tissue. You should reduce her diet and give her all the exercise you can. Turn her out on the prairie and let her "rustle for grub." Give her a tablespoonful of dilute phosphoric acid in a pail of water once a day.

2. Clipping horses in the spring is a most beneficial operation to horses that carry a heavy coat and are slow in shedding it. The only drawbacks are the liability of horses to take cold during the first few days following the clipping, and the effect that clipping has in causing the coat subsequently to be rather harsh and staring. In fact, it is well known to horsemen that once a horse has been clipped a few times it is almost impossible to keep him looking decent unless he is clipped.

Sick Pigs.

Louis, Manitoba: "I have some 5 and 8 months' old pigs which have lately got all stiffened up, and when touched make a terrible noise; no appetite and appear very costive; have fed whole and crushed oats; dry; have not thrived as they should; have a fairly warm and dry place for them; closed in all winter. What do you think is the cause? I undertook to give one a dose of salts drench, and we held it and poured the stuff down, all the while the pig making a terrible noise and kicking. Suddenly it stopped, and it was dead. What was the cause? Another I killed, for the bowel came out from pressing. I suppose constipation was the cause. Do you think so? No cure or use of keeping one that goes wrong that way, is there? What is the best way, and the best physic for a pig?"

Answer.—The diet of your pigs has been wanting in variety and deficient in some of the elements required to keep the body healthy. As a consequence they are suffering from inanition and rachitis. If you are to save them you must give them a change of feed, skim milk and vegetables should be added to their ration and their grain should be cooked and not fed dry. To relieve their present condition of constipation give each of them a couple of ounces of castor oil. The easiest way to give this to small pigs is to get a man to stand astride the pig and grasp it firmly by the ears. An old shoe with a hole cut in the toe is the best thing to give the oil from, and while the assistant holds the pig's head up, thrust the toe of the shoe well into the mouth and pour the oil, previously warmed, into the shoe. As the pig chews the shoe the oil will run back into his mouth and he will swallow it. For large pigs a rope should be tied round the upper jaw behind the tusks and the other end made fast to a post. The pig will pull back, squealing, and the shoe is then put in operation. In addition to the oil and change of feed, you should turn the pigs out for exercise on a

piece of grass land for a time every fine day, and if they are not too far gone they will gradually recover.

Lesion in the Brain.

Subscriber, Man.: "Having lost a large sow, 3 years old, would like to find out the cause of death. She has been a very healthy, active pig until about three weeks ago, or about two weeks before farrowing, when she appeared to be getting deaf or was sleeping unusually sound, having to call her several times to get her to come for feed, when she would eat heartily enough, but after farrowing would eat very little, or drink just the liquid, and seemed to get duller and would stagger when she got up, but was careful with pigs. She farrowed naturally enough, having ten well developed pigs, which are doing well;

Trees, Shrubs, Fruits.

Do you wish to plant shade or seedling trees shrubs, fruits, flowering plants, or a better variety of seed potatoes?

I can offer you at reasonable prices the best and hardest you can obtain.

Write for list to

H. L. Patmore, BRANDON NURSERY
MANITOBA.

Grower and importer of Northern grown

GARDEN, FIELD, AND FLOWER SEEDS

These seeds are strictly fresh, and are imported direct from the largest seed growers. We carry the **Largest Stock** of seeds in the Northwest. Send name and address for our

FREE ILLUSTRATED CATALOGUE.

J. M. PERKINS, 221 Market Street,
WINNIPEG, MAN.

SEEDS.

KEITH & CO., Seedsmen,
214 McDermot St.

P.O. Box 333.

Four doors West of Main.

60,000

30,000 Maple Seedlings

30,000 Cuttings of Russian Poplar and Willow

Also a good stock of Small Fruits. Write for prices

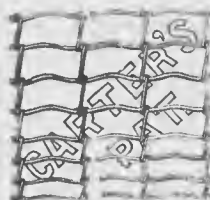
CALDWELL & CO.,
Virden Nurseries. VIRDEN, MAN

FLOWER AND GARDEN SEEDS.

ALSO PLANTS OF EVERY DESCRIPTION IN POTS.

Cut Flowers, Roses, Carnations; all other sorts in season. Funeral Designs on short notice. Write for PRICE LIST to—

H. E. Philpott, Florist & Seedsman
336 PORTAGE AVENUE, WINNIPEG.



FREE !!

To the first ten purchasers of a ton of superior coil steel wire a complete outfit will be given free, value \$15. Price of wire, \$4.25 per cwt., or same price as barbed wire.

FRED SMITH, Brandon.
Box 178.

HORSE DOCTOR

Many a valuable horse has been lost for want of a simple remedy. Our "Horse and Cattle Doctor" is invaluable to every owner of stock. A book of 64 large double column pages, clearly and simply describing all the diseases horses and cattle are subject to and the remedy. Mailed for 10¢ silver. Johnston & McFarlane, 71 Yonge St., Toronto.

When writing advertisers mention The Farmer.

Satisfaction All Around.

It is one of the enjoyable things about our business that our patrons write us nothing but complimentary letters after using—

MITCHELL'S ANTI LUMP JAW.

It is the only absolutely sure cure for Lump Jaw in cattle; it is the only cure whose proprietors are willing to back it with a guarantee to cure, or give you your money back.

PRICE \$2.00 POSTPAID. Send for our Free Book about Lump Jaw. ALL DEALERS, OR **W. J. MITCHELL & CO., Winnipeg, Man.**

BRANDON PUMP WORKS.

Elected over all **COMPETITORS**

and awarded the **DIPLOMA** for the best exhibit of

PUMPS AND PUMP APPLIANCES

at the Brandon Exhibition, 1899. A good stock of Wood and Iron Pumps always on hand. Satisfaction guaranteed. Agent for Hayes' Force Pumps and Myers' Brass lined Cylinder Pumps. Address—

H. CATER, BRANDON MAN.



Biscuit Jars

We have the largest stock of both English and American Biscuit Jars ever shown in Winnipeg.

Prices \$3.50 to \$12

Andrew Co.

WATCHMAKERS AND JEWELLERS,

McIntyre Block, - WINNIPEG.

156 POPULAR SONGS

with Words and Music complete, neatly printed and bound in one volume. A grand collection of Musical Gems, sentimental, pathetic, comic, a veritable treasury of the world's popular and beautiful songs. Price, 10 cents, postpaid. JOHNSTON & MCFARLANE, 71 Yonge St., Toronto, Can.

La Hispania, Khedive, Red Cross and Polly Perkins

Cigars

Are all guaranteed **PURE HAVANA FILLED** and will please the most fastidious smoker who appreciates the fine qualities of a genuine Cuban tobacco. Manufactured by

GEO. F. BRYAN & CO.

WINNIPEG.

When writing advertisers mention The Farmer.

the after-birth came away all right. The night she died, I watched her carefully for several hours. She would lie on her belly and breathe very fast, with mouth open, occasionally getting up, taking a small drink, turn away, stagger, then start squealing, go backwards a few feet and fall down, breathing rapidly, lying there for a long time, then finally getting up and repeating the same actions. She has been fed barley and oat chop wet, with sugar beets, carrots and boiled potatoes, with plenty of out-door exercise and dry, warm sleeping pens. This was her fourth litter. She was in prime breeding condition, but not fat. Could I have done anything for her? If so, let me know the remedy."

Answer. — The symptoms in this case point to the brain as the seat of the trouble. An abscess may have formed in the brain tissue, or perhaps a tumor was growing there, and the pressure upon the brain produced the result observed. Such cases are rare in the lower animals, but are observed occasionally. Medical treatment would have been useless.

An Inflamed Tendon Sheath.

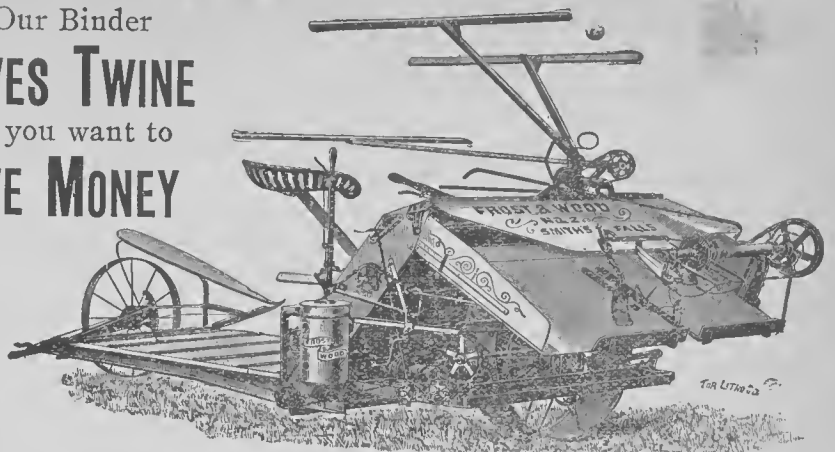
A Constant Reader, Newdale: "I have a horse with a swelling on the hock joint of his right hind leg. I noticed it first last July. It was just a little swelling, seemingly on the cords of his leg; it grew very quickly and is very painful. It is now swollen from the bottom of the joint to the top or a little above; it is swollen on the right side of the joint at the bottom and on the left at the top. He limps on it, and rests it most all the time in the stable. The swelling is nearly all on the back of the joint, but a little on each side at both top and bottom, and more at the top than at the bottom. His hip does not fill out the same as the other when he is not working."

Answer.—The flexor tendon at the back of the hock passes through a sheath, much as a rope passes around the groove of a pulley. The sheath, however, surrounds the tendon on every side, and in order that there may be no friction between the two the sheath is lined by what is called synovial membrane, and this also covers the part of the tendon within the sheath. The synovial membrane is exactly similar to that which lines the joints of the body, and secretes a lubricating fluid known as synovia and commonly called "joint oil." The tendon sheath then resembles a joint in containing "joint oil," and it resembles it, too, in the intensely painful character of the inflammation which results from an injury to it. This is what has happened to your horse: The tendon sheath has been injured either by a strain or blow, and the inflammation has caused the formation within it of a large quantity of imperfect and possibly purulent synovia, distending the sheath to a painful degree and causing the swelling you describe. The treatment to follow consists in first placing the injured parts in the best possible position for repair, and secondly, in promoting this repair by suitable local treatment. The first object is attained by attaching a high heeled shoe to the foot, thus preventing any undue extension of the tendon, and by keeping the animal as quiet as possible. For this reason a single stall will be preferable to a loose box. The next thing is the local treatment. This should consist in the application of a good "fly" blister over the injured part. The acute stage is now past, and the blister which would have been improper treatment at the start, is now the most appropriate remedy. Clip off the hair and rub in the blister well for ten or fifteen minutes. The following day wash it off and smear the part with vaseline. Repeat the blister in ten days or a fortnight. Don't attempt to work the horse until he has been free from lameness for some time or the soreness will return.

TWINE IS MONEY!!

Our Binder
SAVES TWINE
If you want to
SAVE MONEY

Buy
a
No.
2



LIGHT ON THE HORSES. EASY ON THE DRIVER.
ON REPAIRS. TO HANDLE.

Besides the quality we guarantee solid comfort to the users of our machines. See our samples and get prices before buying.

Illustrated
Catalogue
on application

THE
Frost & Wood Company
LIMITED.

Northwest
Branch:

WINNIPEG,
MAN.

THE PROVINCIAL MUTUAL HAIL INSURANCE CO. OF MANITOBA.

Incorporated in 1891 by] [Manitoba Government.

PRESIDENT—

John Renton, Farmer, Deloraine.

VICE-PRESIDENT—

C. J. Thomson, Farmer, Virden.

The Original Hail Insurance Co.

Managed by the Farmers themselves.

During the nine years of its existence, this Company has paid about **ONE HUNDRED AND TWENTY THOUSAND DOLLARS** for losses sustained by farmers by hail storms. The assessments have ranged from 12½ cents to 25 cents per acre, which is the maximum that can be charged. The average amount paid for losses has been **\$5.50** per acre for total loss, and at the same rate for partial losses.

BOARD OF DIRECTORS FOR 1900.

T. L. MORTON, Farmer, Gladstone.
JOHN RENTON, Farmer, Deloraine.
C. J. THOMSON, Farmer, Virden.

F. SCHULTZ, Farmer, Baldur.
J. MOLLAND, Farmer, Glendale.
H. B. BROWN, Farmer, Morden.

ROBERT STRANG, Managing Director, Winnipeg.

LOCAL AGENTS AT ALL PRINCIPAL POINTS IN THE PROVINCE.

YOUR ATTENTION

Our No. 1 Collection contains 33 full sized packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and one packet of Wild-Garden Flower Seeds, which we will send prepaid to any address in the Dominion of Canada or United States for the extremely low price of \$1.

Our No. 2 Collection contains 16 packets of Vegetable Seeds and one packet Wild Garden Flower Seed Mixture. Prepaid for 50 cents.

Our No. 3 Collection contains 8 packets of Vegetable Seeds for 25c.

Our No. 4 Collection contains 40 packets of Flower Seeds for \$1.

Our No. 5 Collection contains 20 packets of Flower Seeds for 50c.

Our No. 6 Collection contains 10 packets of Flower Seeds for 25c.

All postpaid on receipt of price. For varieties in above collections see our Handsome Illustrated Catalogue containing other great offers. Mailed free to any address.

R. ALSTON, Royal Greenhouse & Seed Establishment, WINNIPEG, MAN

Always mention The Farmer when writing Advertisers

Among the Breeders.

The stallion show of the Regina Agricultural Society will be held on May 3.

W. D. Flatt's shipment of 54 head of Shorthorn cattle arrived at St. John, N.B., on March 17th, in good order.

E. Burnell, of Strathclair, recently sold a yearling Shorthorn bull each to his neighbors, A. Kippen and John McMurchy.

Ross Bros., Baie St. Paul, have bought from Francis Bros., Poplar Point, the Shorthorn bull, Prince of Sunnyside, 26102.

Wm. Chalmers, Hayfield, reports the sale of an eleven months' old bull calf to Theo. P. Newman, of Pincher Creek, Alta.

Kenneth McKenzie, Burnside, Man., has sold his Shorthorn bull to T. Oliver, of Bagot; also a bull calf to H. Delf, Rathwell.

Walter Lynch, Westbourne, has sold his famous Shorthorn stock bull, Village Hero, to Kenneth McKenzie, Burnside, to head his herd.

Knittel Bros., of Boissevain, sold their coach stallion, Knight of the Vale, to Muir Bros. & Matthews, High Bluff, for a satisfactory figure.

All of our readers will be sorry to learn that while James Bray, of Longburn, was fixing his windmill his hand got caught in the cogs and three fingers were cut off.

Knittel Bros., Boissevain, have purchased from Hon. Thos. Greenway the Clydesdale stallion, Young McMaster. He is a good horse and should do well in their hands.

W. Patterson, of Idylwild Farm, Birtle, reports the sale of one yearling Shorthorn bull, Alcon of Idylwild, to H. B. Hartley, of Solsgirth. We believe the beast is a very good one.

The herd of the late J. E. Birrell, Mosborough, numbering 30 head, was sold by auction on March 14. The highest priced was Prince Cruickshank, \$500, the average nearly \$200 a head.

James E. Peaker, of Yorkton, who has for some time been the editor of the Yorkton Enterprise, has sold his newspaper in order to devote his entire attention to his Shorthorn and ranch business.

J. S. Robson, Manitou, has just sold fifteen pure bred Shorthorn bulls and ten heifers, about one year old, to Olsen & Winkjer, Brandon, Minnesota, U.S. They have all successfully passed the tuberculin test.

A. D. Gamley reports phenomenal success this year with his Border Leicester flock, having 88 good strong lambs from 57 ewes, all dropped between the 6th and 23rd March. He is well pleased with The Farmer as an advertising medium.

Thos. Speers, Oak Lake, Man., reports his stock as doing well. The cow, Snowflake, which he brought up from Ontario, is nursing a bull calf that he thinks will be heard of. The young bulls he brought out recently are a fine, sappy, growthy lot.

Strathclair spring show falls on April 27th. The Agricultural Society is offering a cash prize and a diploma for best stallions in their different classes, also a second prize in cash, winner of first place to stand in the town one day each week during the season.

E. T. Petar, Souris, has just received a pure bred Hereford bull, Sir Horace, 63688, from H. D. Smith, Ingleside Farm, Compton, Que. He arrived in fine shape, is 16 months old. We haven't seen him yet, but he is reported to be a very fine specimen of the breed.

A representative of The Farmer had a look at The General, 2339, a dapple bay Clydesdale stallion, owned by Jacob Shunk, Carman. He is a four-year-old with white points and nicely coupled. He weighs about 1,900 lbs., is stylish in action and should sire horses of first-class quality.

Andrew Graham, Forest Home Stock Farm, Pomeroy, Man., writes us from Cargill, Ont., saying that he expects to arrive home with a carload of pure bred stock about the 1st of April. He will have in this car, along with other stock, about half a dozen young bulls, which he thinks will be bargains for those who get them.

Henders Brothers, recently from Ontario, are locating at Treherne. They have brought out with them three registered Clydesdale stallions. We have had the pleasure of seeing only one of these horses, Lord Stanley, a five-year-old. He is in fine condition, weighs about 2,000 lbs., is stylish and carries plenty of bone and will be a credit both to the men who are selling him and to the man who gets him. The other two stallions are said to be equally as good.

Good Roads.

As the country becomes older, settlement more dense and the pioneer stage of farming a thing of the past, more attention is being given to the condition of the roads. This has perhaps been made more necessary than in the past by the rapid settlement of vacant lands in all parts of the province and through the fencing off of trails, which have in the past given serviceable roads, causing new roads to be opened up, frequently through places where it is difficult to make a good road. We need not dwell on the importance and value to the farmer of good roads, as they are patent to all. The Farmer wants, however, to call attention to the fact that the time has now come when some action should be taken by the Government in this matter. The city council and the councils of the municipalities adjacent to Winnipeg have interviewed the government, asking for aid in constructing good roads leading into Winnipeg. These people have realized the value of good roads, but why should this particular district be favored more than any other? On account of the heavy nature of the soil around Winnipeg it might be well that this section be the starting point of a system of aid that shall ultimately extend to all parts of the Province.

The road question is a big one and one with which the government will have to grapple in some way in the near future. Many new roads are being laid out and this work may as well be done on a permanent basis now as later. Therefore there is great need of a permanent and properly qualified official being appointed to superintend laying out and constructing these roads. Ontario has seen the need of such an official and after a few years' trial has enlarged his sphere of usefulness by making him Provincial Engineer of Highways and Colonization Roads under the Public Works Department instead of simply Provincial Road Instructor. The Government has also pledged \$100,000 a year for 10 years for the construction of improved country roads. Again we say the time is ripe for a move in this matter in Manitoba. The main roads in each county might be first improved, then the side roads. It is plain to all that every one cannot have the improved road past his door, therefore there must be no small jealousies, but a spirit which will tend to obtaining the greatest good for the greatest number.

When writing advertisers mention the Nor'-West Farmer.

IN THE WEST

More than in any other part of Canada just now is a BUSINESS EDUCATION desirable for young men. Those who have the ability—the training—will do the business; those who have not will do the harder work. The famous

CENTRAL Business College OF TORONTO

stands with open door the whole year round to welcome YOUNG MEN and WOMEN for a practical training along business lines. A short term of six months will do it.

Many from the West are in attendance this term. Write for particulars, and lay your plans for a course with us. Enter any time.

W. H. SHAW, Principal.

SELECTED NATIVE PLUM TREES

Three or four years old. Nursery-grown. Fruit excellent for preserving, NOT ACRID. Tree EXTRA hardy, having come through six winters at Prince Albert uninjured.

Price 50c. each, delivered at Winnipeg. Lots of 25, 40c. each; 50, 30c. each; 100, 25c. each. Can be shipped as freight. Only 200 left. Order early.

The Nor'-West Farmer has frequently pointed out that selection from the native stocks is the only way, so far, that a plum tree can be got that will LIVE and BEAR fruit. I raised 1½ tons in 1898 from the parent stocks of these trees.

STRAWBERRY PLANTS.

Standard varieties, thoroughly tested and acclimatized, and grown in Manitoba during from three to fifteen years. Prices by mail, post paid—

Lots of 25, 50, 75 and 100 up to 500, \$2 per 100.

Over 500, Special Rates on application.

Our new system of packing has proved a great success.

MAX D. MAJOR, Box 568, Winnipeg.

Terms—Cash with order. Reference—N.W. Farmer.

Have you a Farm FOR SALE?

If placed with

R. S. Conklin

REAL ESTATE AGENT,

ROOM 6, FOULDS' BLDG., COR. MAIN AND MARKET, WINNIPEG.

You will soon be brought into communication with a purchaser.

FARM SEEKERS will do well by writing for list of farms for sale.

DOMINION LANDS

Have you payments to make the Dominion Government for Land, Interest, Rents, &c.

Save Money by using **SCRIPT** instead of **CASH**. We can supply you at a big DISCOUNT. Write us for particulars.

W. H. SPROULE & CO.,

Real Estate and Financial Brokers, 375 MAIN ST., WINNIPEG.

THE PROFITABLE HEN

Is the one that will lay both winter and summer. Green Cut Bone will make her do it. It has been found by actual experience to double the eggs in every instance where used. The

ADAM GREEN BONE CUTTER

cuts bone in the most satisfactory way. Leaves the bone in fine shavings easily consumed by chicks or mature fowls. Can't be choked by bone, meat or gristle. Cleans itself. Turns easiest because it is the only cutter made with ball bearings. Several sizes for hands. **W. J. Adam, Joliet, Ill.** ad power. Catalogue No. free.

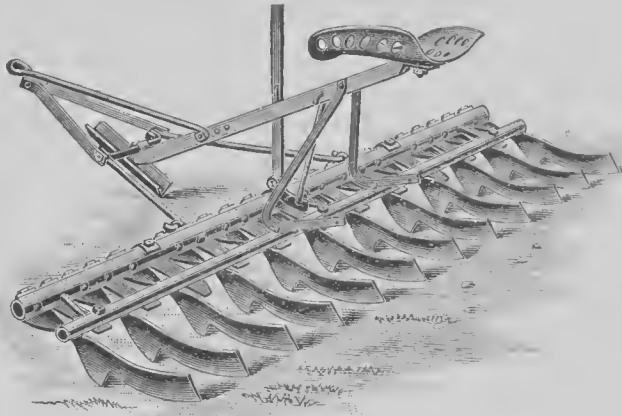
Agricultural Education.

On some lines the shining lights of modern science soar higher than common intellects can follow with safety, but occasionally they hit the point on more ordinary topics in a way that other teachers may envy but can seldom approach. Agricultural education is a fairly well worn topic, but in the following clipping from an address by the late Professor Huxley to the members of an English local farmers' club the case for combined practical and scientific teaching has seldom or never been more aptly set forth:—

"There are some general principles that apply to all technical training. The first

of these is that practice can only be learned by practice. The farmer must be made by thorough farm work. I believe that you practical people would be all the better for the scientific knowledge that would show you why such or such a treatment is successful in growing such or such crops, or in feeding such or such animals. The knowledge would keep you from trying hopeless experiments, and would enable you to take advantage of the innumerable hints that Dame Nature gives to people who live in direct consort with things. Boys and girls, when at school, should be led from the observation of the commonest facts up to general scientific truths. If I were called upon to frame a course of elementary instruction preparatory to ag-

riculture, I am not sure that I should attempt chemistry, or botany, or physiology, or geology, as such; it is a method fraught with the danger of spending too much time and attention on abstraction and theories, on words or notions, instead of on things. The history of a bean, of a grain of wheat, of a turnip, of a pig, or of a cow, properly treated—with the introduction of the elements of chemistry, physiology, and so on as they come in—would give all the elementary science which is needed for the comprehension of the process of agriculture in a form easily assimilated by the youthful mind, which loathes anything in the shape of long words and abstract notions; and small blame to it!"



ACME PULVERIZING HARROW, CLOD CRUSHER AND LEVELER.

Adapted to all soils, all work. Crushes, cuts, lifts, pulverizes, turns, levels in one operation. Made entirely of CAST STEEL and Wrought Iron. PRACTICALLY INDESTRUCTIBLE.

SIZES FROM 3 FEET TO 13½ FEET WIDE.

Cheapest Riding Harrow on Earth.

Catalogue mailed FREE.

I deliver free on board at New York, Chicago, Minneapolis, San Francisco, etc.

ADDRESS **DUANE H. NASH**, SOLE MANUFACTURER
Millington, N. J., or Chicago, Ill.

PLEASE MENTION THIS PAPER.

THE GREAT ADVANTAGE OF A GOOD REPUTATION

Is fully realized and appreciated by the manufacturers of

THE SPEIGHT WAGON

Their large output of Wagons being attributed to the fact that THE SPEIGHT has become so extensively and favorably known.

If you think of buying a wagon, be sure and get one with a good reputation. It will pay you to take no chances.

If you have no dealer convenient, write directly to us for information.

THE SPEIGHT WAGON CO.,

MARKHAM, ONT.

VEGETABLE AND FLOWER SEEDS IN FULL SIZED PACKETS YOUR OWN CHOICE

Select any seeds from the list below at the following rates:

ANY 45 PKT. FOR \$1.00 POSTPAID. ANY 21 PKT. FOR 50c. POSTPAID. ANY 10 PKT. FOR 25c. POSTPAID.

And One Copy of "Simmers' Vegetable and Flower Garden," free with every 50 cent and \$1.00 Order.

VEGETABLES.

Beans—Green Pot Drawf.
Beans—Wax or Butter Dwarf
Beans—Pole Butter.
Beet—Best Round.
Beet—Best Long.
Borecole, or Kail.
Carrot—Shorthorn.
Carrot—Long Orange.
Cabbage—Late Flat.
Cabbage—Long Keeper.
Cauliflower—Main Crop.
Cucumber—For Slicing.
Cucumber—For Pickle.
Corn—Early.
Corn—Late.
Celery—White Choicest.
Celery—Red Early.

Cress—Curled.
Lettuce—Curly.
Lettuce—Heading.
Leek—Large Flag.
Muskmelon—Earliest & Best.
Watermelon—Sweetest.
Citron—For Preserve.
Onion—Large Yellow.
Onion—Best Red.
Onion—Large White.
Onion—White Pickling.
Pepper—Long Red.
Parsnip—Best Long.
Parsley—For Garnishing.
Pumpkin—For Pie.
Peas—Dwarf Early.
Peas—Medium Early.

Peas—Sugar.
Salsify, or Vegetable Oyster.
Radish—Long Summer.
Radish—Round Summer.
Radish—Winter.
Squash—Summer Marrow.
Tobacco—Hardest Kind.
Tomato—Early Large Red.
Tomato—Yellow Plum.
Tomato—For Preserve.
Turnip—White, for Garden.
Turnip—Yellow, for Garden.
Turnip—Swede, for Garden.
Sage.
Summer Savory.

Alyssum—Sweet.
Aster—Tall Mixture.
Aster—Dwarf Mixture.
Balsam—Carmelia Flowered.
Bartonia—Golden.
Calendula, or Eng. Marigold.
Calliopsis—Mixed.
Canary Bird—Climber.
Candytuft—Best Colors Mixed
Candytuft—Fragrant White.
Chrysanthemum—Dbl. Ann'l.
Dianthus—Indian Pinks.
Delphinium—Larkspur.
Gaillardia—Large Flowered.
Marigold—Tall African.
Marigold—Dwarf French.
Mignonette—Sweet.

FLOWERS.

Nasturtium—Tall, Mixed.
Nasturtium—Dwarf, Mixed.
Pansy—Simmers' "Premium"
Petunia—Large, Mixed.
Phlox Drummondii—Mixed.
Poppy Shirley—Mixed.
Portulaca—Single, Mixed.
Salpiglossis—Large Flowering
Scabiosa—Tall, Mixed.
Scarlet Runner Beans.
Stocks—German, 10 weeks.
Sunflower—Best Double.
Sweet Peas—Eckford's Mixed
Verbenas—Mammoth, Mixed
Zinnias—Double, Mixed.
Wild Garden Mixture.

These packets are OUR REGULAR, FULL SIZE 5 and 10 cent Packets. You need fear NO HUMBUG. This is a GENUINE and EXCEPTIONAL OFFER. Money refunded if not satisfied. Mark the varieties wanted, cut out this adv., send it with money and your name and address, and the Seeds will reach you by RETURN MAIL.

J. A. SIMMERS, Toronto, Ont.



Pasteurizing for Home Butter Making.

Written for The Nor'-West Farmer by
C. C. Macdonald, Winnipeg.

The word "Pasteurize" is thought of by many home buttermakers as a word of mystery, but such should not be the case, for the process of pasteurizing is very simple and can be put in practice by every buttermaker on the farm as well as in the creameries. The process would entail a very little more trouble than is followed in the ordinary operations of farm buttermakers, and the good results that would follow would more than doubly repay the buttermaker for the little extra trouble. The quality of butter would be increased, in many cases, a hundred fold. The butter made from pasteurized cream would have superior keeping qualities to the butter made in the ordinary way; therefore, butter made by farmers and disposed of in trade to merchants, as is now done to an enormous extent, would be much better in quality when it reaches the consumer's hands, and would to a very great extent I feel sure put an end to so much inferior dairy butter. The writer does not wish to be understood as saying all butter made on the farm is of inferior quality, for such is not the case; on the contrary, a large portion of it is good butter when it is first made; but the conditions under which that butter is handled and stored after it leaves the farm renders it, in many cases, very poor quality indeed.

THE PROCESS OF PASTEURIZING.

In order to successfully pasteurize cream there should be plenty of ice put up during the winter. This is not a difficult task; and every farmer should have a supply of ice even for the convenience of having it for household use or emergencies for the summer months. Every farmer who has from five cows and upwards should have a cream separator of some kind; of course, the best is always the cheapest in the end. For the purpose of pasteurizing it would be almost unworkable to try to pasteurize cream from milk that is skimmed by the old setting or gravity method of raising the cream, as most of the cream is sour when skimmed, and sour cream does not undergo the process of pasteurizing successfully, because it becomes too thick during the heating process. The cream from the separator can be successfully pasteurized, as it is perfectly sweet when separated.

Pasteurizing is a simple method of heating and cooling, and is done in various ways. The most simple method for home buttermakers to use is to put the cream in a deep-setting can, place the can into a pot of water on the stove and allow the water in the pot and the cream to heat together. The cream must be gently and continuously stirred while the heating is going on. Stir gently, so as not to churn the butter fat, and continuously so that the cream will be heated uniformly throughout the can. The best way to stir the cream is to have a dasher, something the same as the old-fashioned dasher churn. Use this in the cream can the same way it is used in the churn, but take great care to push it up and down very gently. Hold a correct thermometer in the cream while the heating is being done. When the thermometer

Another Iowa Buttermaker Pleased

It is only in the past year that we have been introducing the Sharples Tubular in the West. Prior to that time the demand in the East (near our factory) has been about all we could supply. But already flattering reports are coming in from many Western creamerymen who have given the Tubular a thorough trial. Here's a sample:—

Broadway, Iowa,
February 21st, 1900.

THE SHARPLES CO.,
CHICAGO, ILL.



Gentlemen,—I have no doubt you have any number of testimonials in regard to the Tubular Separator, but I cannot refrain from adding my testimonial with the rest of my fellow users. I have run the Tubular for six months, and the longer and more I run it, the better I like it. I have taken daily tests, also composite tests, and my average has been two $\frac{1}{10}$'s of 1 per cent. It is a machine that every up-to-date creameryman should have. Anyone wanting information in regard to the Tubular can have same by calling or writing to me at the creamery. Would be glad to show anyone at any time that contemplates buying a machine what it will do if they will call in person at the creamery.

Yours for the Tubular,

FRED MILLER,
Butter-maker at Broadway, Ia.

THE SHARPLES TUBULAR

The Tubular is a clean skimmer.
The Tubular produces velvety cream.
The Tubular saves time.
The Tubular saves oil.

The Tubular is easily operated.
The Tubular is easily cleaned.
The Tubular has large capacity.
The Tubular is absolutely safe.

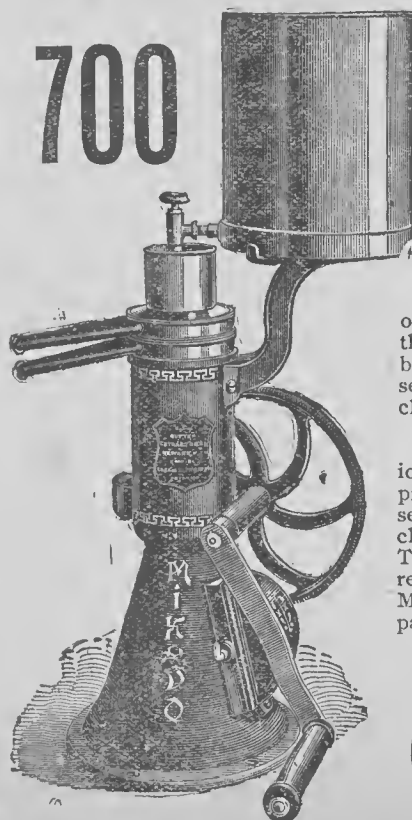
Do not sign a contract for any Separator unless it grants you the privilege of trying a Tubular and purchasing the machine which suits you best.

THE SHARPLES CO.,
28, 30, and 32 S. Canal St.,
CHICAGO ILL.

{ ..Send for
Catalogue
No. 73. }

P. M. SHARPLES,
West Chester,
Pa., U.S.A.

MIKADO CREAM SEPARATORS.



TWO years ago we introduced this wonderful Cream and Money Saver to the farmers and dairymen of Manitoba, with such success that there are now 700 of them in operation in this Province alone, to say nothing of Assiniboia, Alberta, Saskatchewan, and British Columbia. The proof of the pudding is in the eating, and farmers now know that with a herd of 10 cows it will pay to sell at least two and buy a Mikado, as he will have more butter and better calves than with the extra cows and either deep or shallow setting. A farmer from the Birtle district, who used a Mikado last year, told us that his calves were sold that he got the same price for them as did the farmers who let their calves run with the cows, besides which he got nearly 20c. per pound for his season's make of butter. This man has about cleared the cost of his machine in one year.

For the reason that there are numerous inferior separators offered, some of them at very low prices, we would advise purchasers to test any separator they may think of buying: First, for clean skimming, Second, for ease of running, and Third, for the time it takes to clean up and get ready for "next time." In all these points the Mikado has never been equalled. Write us for pamphlet.

THE MANITOBA
Cream Separator Co.

WINNIPEG, MANITOBA.

Mention this Paper when writing.

reads 158 deg. the can and water pot must be removed from the stove, but leave the can in the hot water for at least twenty minutes. This will be found long enough time to kill all injurious germs of bacteria. After which time the can must be removed from the water and placed in a tub or tank of ice and water. The cream should now be cooled as quickly as possible to at least 40 deg. by the thermometer. The same gentle stirring should be continued while the cream is cooking as while it was heating during the first operation. This is necessary for the same reason as for stirring while heating, namely, so that the cream will be uniformly cooled in all parts of the can. The cream must be cooled quickly because it is possible that certain bacteria germs might not be totally destroyed at the temperature of 158 deg., and in that case, if the cooling was done slowly these germs would likely become active again when the cream reached a temperature of say 80 deg. to 84 deg., suitable to their life and multiplication, whereas if the cooling was done quickly these germs would not get a chance to live and would remain, as it were, paralyzed by the sudden cooling from 158 deg. to 40 deg.; therefore, would not again become active.

One of the greatest advantages of pasteurizing cream for home butter-making is the elimination of odors, taints and objectionable flavors which so often occur in milk and butter, such as leeks, weeds, turnips, stable and milk-house odors, which so often find their way into milk. The heating to 158 deg. and sudden cooling to 40 deg. causes considerable evaporation; thus the odors above mentioned are vigorously eliminated. During the winter of 1898 a series of experiments were carried out at the Manitoba Dairy School with regard to pasteurizing cream from the milk of cows that had been fed turnips. One of the patrons who supplied milk to the school was requested to feed turnips to the cows in any quantity that he desired and to feed them any time in the twenty-four hours. The object was to have the milk as badly tainted with turnips as possible, in order to learn to what extent the taint could be gotten rid of by the process of pasteurizing. Some of this milk, by the way, by accident, got into one of the cheese vats one day, and the odor of turnips was very strong, and of course the flavor of the cheese made that day was very much impaired. The milk from this dairy was put through a cream separator and the cream through the Lister heater as it came from the separator, was heated to 158 deg. Fahr., held at that temperature for twenty minutes, then passed over the cooler and cooled almost instantly to 40 deg. Fahr. The butter made from that cream had not the slightest flavor of turnips. Some samples of butter were made from this turnipy-flavored milk in March and held over to the 1st of July following, and the flavor of it then was excellent.

Cream that is pasteurized will not ripen for churning as quickly by some hours as cream that is not pasteurized, therefore, it would be necessary to heat the cream slowly to about 70 deg. to 72 deg. about fifteen hours before churning time, and if about five pounds of good, clean flavored butter-milk per one hundred pounds of cream were added at the time of heating it would hasten the ripening of the cream.

I would strongly advise every farmer who makes butter at home, and has a separator, to treat the cream in this way. When the butter-makers get accustomed to the process they will find it very little extra trouble, and the keeping quality of their butter will be so much improved that there certainly will be fewer complaints about dairy butter being "off" flavor. The product will be worth more money also; consequently larger profits to farmers will result.

Skimmings.

After a very careful canvass for the necessary number of cows, it has been decided not to open the Manitou creamery this year.

Quite a number of the Mennonite cheese factories will open the last week in April. The balance intend to start the season's operations the first week of May.

A few changes occur this spring amongst creamery managers on the M. & N. W. Ry. Newdale has engaged Headley Anderson, of Charlottetown, P.E.I.; W. J. Crowe, after two or three years at Newdale, returns to Birtle, and T. T. Gadd, late of that factory, goes to Foxwarren.

At the annual meeting of the Grenfell Creamery Association a very satisfactory report was read and a new board of directors elected for the current year. Mr. Mitchell, dairy superintendent, gave a very pithy and practical address.

C. Marker, Dairy Superintendent of the Government creameries in Alberta, will address a series of dairy meetings as follows: Wetaskiwin, Friday, April 6th; Strathcona, Saturday, April 7th; Ft. Saskatchewan, Monday, April 9th; Leduc, Tuesday, April 10th; Red Deer, Wednesday, April 11th; Lacombe, Thursday, April 12th; Innisfail, Friday, April 13th; Tindastoll, Saturday, April 14th; Ponoka, Monday, April 16th; Olds, Thursday, April 19th.

The Canadian Dairy Supply Co.,

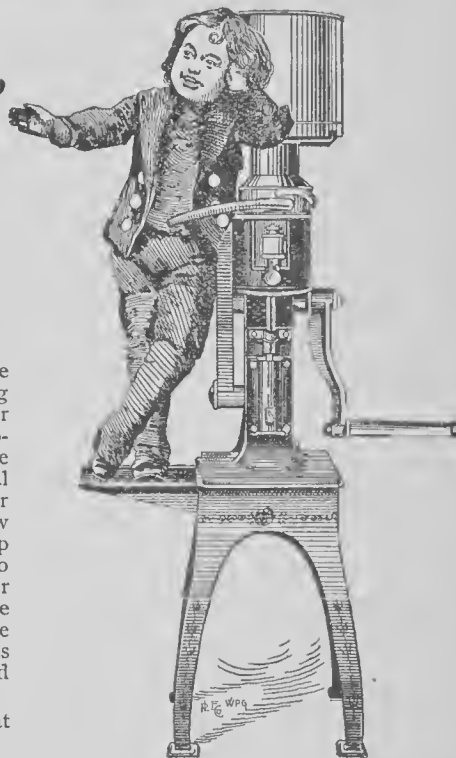
327 Commissioners St., Montreal.

Sole Agents in Canada for the celebrated

De Laval Cream Separators.

The reputation of the Alpha style of the De Laval Disc Machines are steadily gaining in favor in the public mind. With their reputation for close skimming, the substantial make-up and general appearance appeals to men of ordinary mechanical intelligence, as a useful and durable labor saving machine for dairy purposes. Low priced machines are not usually "a cheap machine." The cost of an article is no criterion to its value. Every house-keeper knows that a four cent piece of print to be made into a garment is not as cheap in the end as goods for the same purpose that was worth two cents more at the start, and would wear double the time.

Apply to our Agents in your own district or at
236 King Street, Winnipeg.



Maxwell's "Favorite" Churn.

DAVID MAXWELL & SONS
ST. MARY'S, ONT.

PATENTED
STEEL ROLLER BEARINGS.
IMPROVED STEEL FRAME.

and combined Foot and Lever Drive, improvements you will not find on other Churns. Do you want the best? Then don't purchase until you see it. Sold by the leading wholesale houses in the Dominion.

CAPACITY.

No.	Churns from
0. 6 gl. . . .	1/2 to 3 gl. cream
1. 10	1 to 5 "
2. 15	2 to 7 "
3. 20	3 to 9 "
4. 26	4 to 12 "
5. 30	6 to 14 "
6. 40	8 to 20 "

Canadian Dairy Supply Co.
236 King Street,
WINNIPEG.

Agents Manitoba
and the Territories.



The Creamery Association at Minnec-dosa have recently sold their creamery and business to H. C. Neilson. As Mr. Neilson has had the creamery rented for the past three years and has been successful in enlarging the patronage very much and in placing the dairy industry in that district on a much better footing than it previously occupied, we feel sure that the business has fallen into good hands.

The Saltcoats Creamery Association held its annual meeting on March 17th, with a good attendance and a very manifest interest on the part of the patrons. The officers elected were as follows: President, E. Bolton; treasurer, T. Carleton; secretary, W. B. Smithett; directors, Messrs. Blake, Hallett, Legg, Goodday, McDonald, Mess, Smith, Martin, Barker, Garvin and Ritchie. A marked feeling of satisfaction seemed to be entertained as to the management of the creamery since being taken over by Prof. Robertson's department, and, although the make has not in the past been very large, a considerable increase of cows is expected for the coming season, and a new cream route will be added. The fact that the dairy business secures to the farmer a sure cash income at a season when ready money is scarce, and that the creamery system is at once the most labor-saving, profitable and satisfactory method of dairying seems to be becoming much more generally recognized amongst the farmers of the district. Especially, we believe, was the work of Superintendent Mitchell kindly criticized, as it was felt that by his private work with patrons, as well as in a public way, he had done a great deal to place the creamery work on a sound and satisfactory basis. There exist at Saltcoats the conditions upon which can be built a first-class and remunerative creamery business, if the farmers only give their intelligent and faithful co-operation.

LIVE STOCK IMPOUNDED, LOST, OR ESTRAY.

In this department we publish as full a list of the impounded, lost and estray stock of Western Canada as is available. Notice in one issue, not exceeding five lines of lost or estray stock is given free to any of our subscribers who forward information. Notices exceeding above mentioned length will be chargeable at the rate of 10 cents per line on all overplus matter. The list of impounded stock is compiled from reliable sources; lost stock is open to those whose stock has been lost and who wish to recover them; estray stock is open to those who have taken up estray stock and wish to find owners.

Note.—Please state when writing whether animal is lost, estray, or impounded. Some writers get lost and estray confounded. An animal found running with the band or on the premises should be advertised as an "estrav" not as "lost."

The following is a list of animals impounded, lost or estray since March 20th issue:—

Lost.

Alexander, Man. — One black mare, branded J P on shoulder, white star on forehead; one white mare, same brand. The two will weigh about 2,700 lbs. Also one bay yearling colt, white face. All had halters on. Suitable reward. C. S. Touchburn.

Kinistino, Sask.—One steer rising two years, branded J Z on right shoulder, notch on top of right ear. Jas. Robertson.

Treherne, Man. — One light bay mare, about 1,100 lbs., branded XV on left hip; one roan, 2 years old, entire, white face; one 2-year-old filly, star on forehead; \$10 reward. W. Wilson.

Treherne, Man. — One black broncho horse about 6 years old, brand on left shoulder hardly noticeable, had headstall

of halter on at the time he was lost; \$5 reward. H. Stinson.

Estray.

Burnside, Man.—One spotted black and white calf. J. J. Crewson.

Shoal Lake, Man.—One bay pony mare, about three years old. A. Campbell.

Summerberry, Assa.—One grey colt. J. C. Bryan, 36, 17, 9, w2.

Wawanesa, Man.—About November 1st, 1899, one bay broncho pony, about 13 hands high, two white hind feet, white stripe on face, leather halter on with about 6 inches of shank when found. A. Murray.

Yorkton, Assa.—One dark red cow, white strip back of right shoulder, points of both horns broken, about 10 years old. George Seutter.

A PLEASED CUSTOMER

Is the best Advertisement!

HERE'S ONE OF OURS

Innisfail, Alta., 27th November, 1899.

Dear Sirs—The No. 2 Melotte is very satisfactory, even more than we expected. A child ten years of age can turn it. It is both easy to turn and separates more milk in a given time than any other separator of the same size I have ever seen. I can safely recommend it as being the best separator in use here. Yours very truly,

HUGH R. ROSS.

The No. 2 MELLOTTE will separate 450 gallons per hour, and is large enough for a herd of twenty-five cows. Easiest to turn and operate. Terms and sizes to suit all farmers with large or small herds. Write to-day to

R. A. LISTER & CO., LTD.

232 KING STREET, WINNIPEG.



FOR SALE

Pedigreed AYRSHIRE BULL, "Cock of the Walk," 3 years old, bred by Geo. Steel, M.P.P., Glenboro; also a pedigree JERSEY BULL CALF, 5 months old.

THE NEW IMPROVED

AMERICAN SEPARATOR

New Bowl,

New Spring Bearings,

And New Stool.

It is now the SIMPLEST, the BEST, and the CHEAPEST Machine on the Market. Only **\$75.00**

AGENTS WANTED EVERYWHERE.

WE ALSO BUY MILK, EGGS, BUTTER and CHEESE.

Send your Cream to the Winnipeg Creamery.

Send for Catalogue and Prices and Particulars to

S. M. BARRE, 240 King Street, WINNIPEG.

"PASTEUR" BLACKLEG VACCINE.

The original and genuine preventive vaccine remedy for Blackleg. Officially endorsed in all the cattle-raising States. Successfully used upon 1,500,000 head in the U.S.A. during the last 4 years. Write for official endorsements and testimonials from the largest and most prominent stockraisers of the country. "Single" treatment Vaccine for ordinary stock; "Double" treatment Vaccine for choice herds.

Registered "BLACKLEGINE" Trade Mark.

"Pasteur" single treatment Blackleg Vaccine ready for use (no set of instruments required). No. 1 (10 head) \$1.50; No. 2 (20 head) \$2.50; No. 3 (50 head) \$6. Easily applied. No experience necessary.

PASTEUR VACCINE CO.,

59 Fifth Avenue, Chicago.

W. J. MITCHELL & CO.,

Winnipeg, Man.

FREE

We give the Daisy Air Rifle for selling only 2 dozen Gold Plated Collar Buttons at 10 cents each. The "Daisy" is well finished and nickel-plated—carefully sighted and tested before leaving the factory. It is invaluable for target practice or for shooting sparrows, rats, etc. Send us this advertisement with your name and address and we will forward the buttons. Sell them, return the money, and your rifle will be sent you all charges paid. Lever Button Co., Box 107, Toronto, Canada.

DAISY AIR RIFLE



[FORM OF APPLICATION.]

The Western Canadian Hail Insurance Co.

HEAD OFFICE : WAWANESA, MAN.

Application for Insurance.

I, of Post Office, Municipality of, in the Province of Manitoba, hereby make application to THE WESTERN CANADIAN HAIL INSURANCE CO. for insurance against loss or damage by Hail (not to exceed, for total loss, the sum of Five Dollars per acre, and for partial loss such percentage of that sum per acre as the grain destroyed bears to the whole crop, and in determining the percentage of loss, no consideration will be made for the cost of harvesting, threshing, or marketing the portion not damaged) for the season of 190... to the amount of Dollars, from the day on which this application is accepted at the head office of the said Company at Wawanesa, at 12 o'clock noon, until the 15th day of September, 190..., at 12 o'clock noon (but in no event shall the said Company be liable after the grain is cut), on the following described growing crops, owned by of loss, if any, payable to viz. :

Item on Diagram	Part of Section.	Section.	Township	Range	Municipality.	During the last 10 years, between 14th day of May and 16th day of Sept., Hail destructive to crops has not fallen on this land more than :	How was land prepared for crop? State whether Breaking, Backsetting, Summer Fallow, Fall Plowing, Spring Plowing or sown on stubble.	Kind of crop insured. Wheat, Oats, Barley, Corn, Peas, Flax, etc.	Number of acres insured.	Amount of Insurance.	Rate per acre.	Premium.
1					 times						
2					 times						
3					 times						
4					 times						
5					 times						
TOTALS . . .												

The applicant hereby agrees and covenants to and with the said Company that the foregoing statements and the diagram on the back of this application shall be taken and held to be the description of the land on which the insured crops stand, and a full and true exposition of all the facts and circumstances, so far as the same are known to the applicant and are material to the risk ; and that the same shall be held to form the basis of the liability of the said Company, and shall form a part and be a condition of the contract of insurance.

It is further agreed that in case any portion of the crops insured shall be so injured by drought, frost, windstorms, or from being over-ripe, or from any other cause (except hail), so that such portion will not result in a profit over and above the cost of harvesting, threshing and marketing, then the said Company will not be liable for any damage that may occur to such portions from hail.

And it is expressly agreed that the said Company shall not be liable for any loss or damage that may occur to the insured crops while any promissory note or obligation, or part thereof, given in consideration of the premium on this insurance, remains past due and unpaid, but this condition shall in no way relieve the assured from liability for the payment in full of such promissory note or obligation.

Dated Applicant

..... Witness Post Office

(If the applicant is a woman, state whether single, married or widow. If married, the husband should be a party to the application.) Agents of the Company may sign this application as witness only.

 Look over this application and see that all questions are properly answered ; if not, it will be returned. 

SCHEDULE OF PREMIUM RATES.

For an Insurance of \$5.00 per acre.

Any QUARTER SECTION of land on which, between the 14th day of May and the 16th day of September in the ten years immediately prior to the year in which insurance is desired, NO HAIL DESTRUCTIVE TO CROPS HAS FALLEN	17½c per acre
Any QUARTER SECTION of land on which, during that period, such hail has fallen ONCE, and no more	20c per acre
Any QUARTER SECTION of land on which, during that period, such hail has fallen TWICE, and no more	25c per acre
Any QUARTER SECTION of land on which, during that period, such hail has fallen THREE TIMES, and no more	35c per acre
Any QUARTER SECTION of land on which, during that period, such hail has fallen FOUR TIMES, and no more	50c per acre

Land on which, during that period, destructive hail has fallen more than Four Times will not be taken.

RELIABLE AND ENERGETIC AGENTS WANTED
IN ALL DISTRICTS.

APPLY TO— **JOS. CORNELL, Manager,**
WAWANESA, MAN.

THE NOR'-WEST FARMER

ISSUED TWICE A MONTH.

ESTABLISHED 1882.

The Only Agricultural Paper Printed in Canada between Lake Superior and the Pacific Coast, and issued on the 5th and 20th of each month.

THE STOVEL COMPANY,
PROPRIETORS.

CORNER McDERMOT AVE. AND ARTHUR ST.
WINNIPEG, MANITOBA.

Subscription to Canada or the U.S., \$1 a year, in advance. To Great Britain, \$1.25 (5s. sterling).

Agents wanted to canvass in every locality, to whom liberal commissions will be given.

WINNIPEG, APRIL 5, 1900.



IMPORTANCE OF CLEAN SEED.

The seeding season is coming in earlier than was expected and will no doubt catch many a man without seed wheat cleaned up. As a result he is likely to clean that seed hurriedly and perhaps only half do it. This will be a great mistake. It will pay to take time to clean all seed thoroughly and sow none but the very best. This is of especial importance for new land and new districts such as those at Weyburn and Yellow Grass, where a large acreage of breaking will be put in this season. It is of great importance that only seed free from all noxious weeds should be sown there. The loss through weeds is always great, and it is to be hoped that farmers going into these new districts will try to keep out all kinds of weeds as long as possible.

Another point we want to emphasize is the importance of treating for smut all grain sown. Don't let the rush now on in all parts prevent you from bluestoning the wheat, or, if preferred, using formalin. The same applies to oats and barley. The loss through carelessness in not destroying smut would go a long way to meet the losses caused by the so-called elevator monopoly. The smut is a monopoly easily handled and pays a good return for the trouble expended. It will pay better to put in a smaller area and put it in well, than half put in a much larger area.

AN AGRICULTURAL COLLEGE.

In a recent issue we put in a strong plea for progressive agricultural teaching. The Farmer is not in party politics, but is prepared to support Plank 16 of the programme of the Local Government, which reads as follows:—

"That the province, provided its revenue is found sufficient for the purpose, establish and maintain an agricultural college; also, a technical school at which mechanics and others may receive practical training."

We will go a step farther and say that there is money enough now in reserve at Ottawa, belonging to this province, to start such a college forthwith. The Dominion elections are coming on, and if every municipality, or rather every farmer in each municipality, will take a decided stand and let the candidates know what he

wants, this much-needed college will materialize at very short notice.

HAIL INSURANCE.

Once more the subject of Municipal Hail Insurance has been brought up for discussion by a Municipal Council inside the Province of Manitoba. Glenwood, Souris, has had before it a draft bill aiming at some cheap and practical method of covering losses by this "the visitation of God." We are woefully behind hand in our ideas on this important subject. We have no end of proprietary and mutual associations that aim on business methods to insure against losses by fire. Even when such fire has been due to great carelessness, the bill is still paid, and all prudent men take credit for their wise precaution in paying the pretty heavy premiums exacted. But whenever hail insurance has been up for discussion, no end of profitless talk ensues, with the certain result that nothing practical is done.

Last year, when Mr. Sirett introduced a bill on which he had bestowed a great deal of careful thought, and which he would have gladly amended in every detail so as to get a good general scheme started, every wise man of the West was ready to jump on it. In a few weeks these very men jumped at the sugared bait thrown out by a gang of foreign adventurers, swallowed without hesitation their tissue of slick falsehoods, and their agents lived at heck and manger, eating and drinking of the best, and chuckling together over the gullibility of the farmers, who by thousands walked into their trap, and enabled those fair-spoken rascals to carry off \$40,000 of easily gotten plunder.

Having got fooled so easily then, the opposite extreme is now favored. "Catch me insuring my crop again" is the cry among those last years' victims, and it is pretty likely that because a good many were fooled last year, there will be a recoil which will leave the great mass of our farmers without any protection whatever. This course we regard as very ill-advised and shortsighted. There is as much reason for well-planned and equitable hail insurance as there is for fire insurance. We believe there ought to be a scheme under control of the government and worked by the municipalities. But till some such system can be formulated and adopted, we think every farmer should insure in other ways, and there are now three companies to choose from.

The notorious Manitoba Mutual has got rid of the doubtful element, and is now in the hands of well-known men. Then we have the old Provincial Mutual under capable and reliable management. And for those who prefer to pay a fixed sum and get back therefor a certain fixed payment for losses, the Western Canadian Co., with head office at Wawanesa, publishes in this issue a clearly intelligible prospectus with financial backing that enables it to guarantee full payment of every loss. Choose whichever you please, but decide on one and act accordingly.

—The Government of the Territories has done a wise thing in importing a better class of swine to be offered for sale in the agricultural sections of that country. Careful swine breeding and feeding would soon bring in a great deal of good money in such districts as that between Calgary and Edmonton. Careless and irregular work in the same field will tell its own tale. A runty pig is a poor thing on any farm; a runty farmer is a great deal worse.

—Seeding has already begun. The seed bed is in most cases rather dry. How

deep should the seed be put in? Later on, if there is not snow or rainfall, it will have to go as deep as possible so as to favor germination. The long days will give heat enough to bring good seed through all of three inches. Now two inches may be as deep as can be gone with safety. Shallow seeding with a half dry seed bed is a very unsafe practice, and should be carefully avoided.

MARKET REVIEW.

Winnipeg, April 4, 1900.

The continued fine weather is opening up the spring trade in good shape, but it will need to continue until Easter to bring it to its full tide. Values in nearly all lines continue firm. The dry goods trade is one of continued firmness; the mills in both Canada and the United States are very busy, and it is difficult to get prompt delivery of goods in staple lines, such as domestic cottons. Rodgers' cutlery has advanced in price in keeping with other lines. Implement houses, especially American ones, are very busy and many factories have more than they can conveniently handle. The price of implements is said to be higher in the United States than in Canada, and that therefore some of the American firms are not anxious to push business outside of their own country. The work in the lumber woods is now at an end, and the season, instead of being an extra good one, is not up to last year. Expenses have been high, and altogether stiffer prices may be looked for in the lumber market. Present indications are that there will be a large amount of building done this year. Contractors are getting ready for operations. From all indications there will be a great demand for labor, and high wages are likely to prevail.

Wheat.

Within the last fortnight there have been trifling variations, but quotations at Chicago and Fort William are to-day about a cent better than they were a fortnight ago. Chicago, 68c. for May wheat. Fort William, 68c. cash; May, 69c. to 70c. The tendency of the markets earlier in the week was, if anything, to a shade lower figures, but to-day took a decided upward turn. Argentina has made free shipments, but last accounts show damage to stacks by rain which will modify the depressing influence on markets of the recent very free shipments from that quarter. Business on our own market is lively. Those who have held over for a possible advance in price are still careless of selling at present prices. If the present dry weather holds for another month Manitoba wheat will be a safe thing to hold on to. It is too early yet to speculate on the effect the season may have on the coming crop, but it can hardly show anything that will break present quotations and a dry summer would certainly raise the value of all kinds of grain above present prices.

The quality of the wheat passing Winnipeg inspection still continues very high. In our field column will be found an interesting explanation from Mr. Mackay, of Indian Head, of the adverse conditions last year affecting the usually choice crop of that district. The recent sale of school lands at Indian Head shows the confidence resident farmers have in the future of the district. They were buying solely on a business basis and are well able to judge of the value of the district for wheat production. Over 5,000 acres of school lands were put up for sale at Indian Head the other day and brought an average of \$10.50 per acre. For one section \$13,960 was paid. The purchasers' list includes many local men who can be trusted to know the value of what they are paying for. At Sinaluta 11 lots were sold for an average

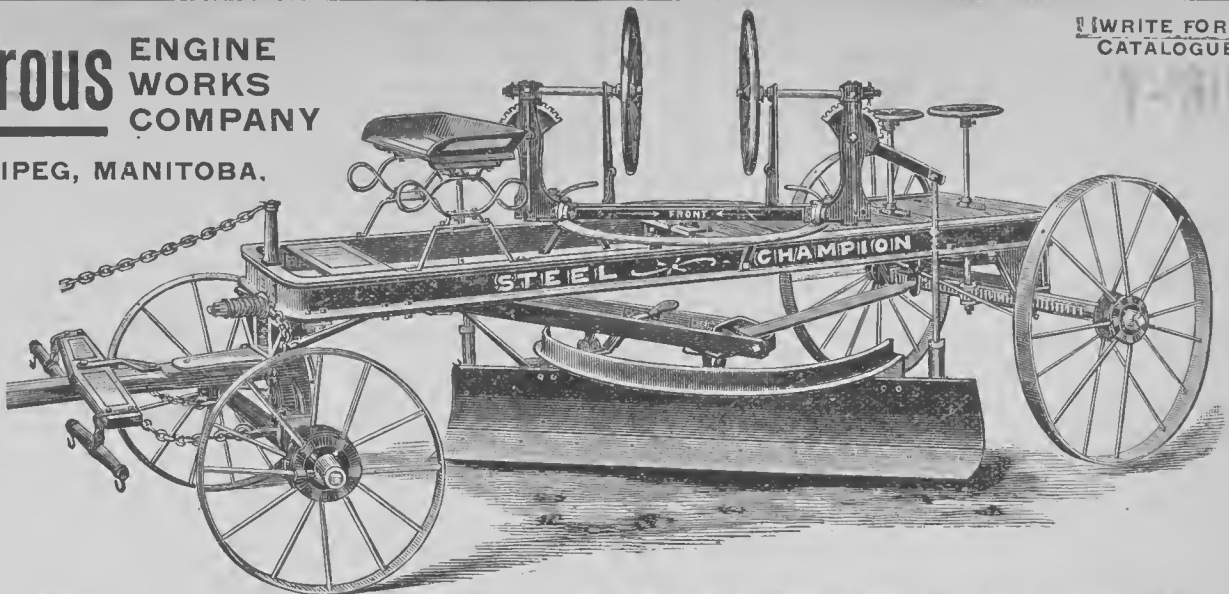
Waterous

ENGINE
WORKS
COMPANY

WINNIPEG, MANITOBA.

WRITE FOR
CATALOGUE

Simplicity,
Strength,
Efficiency,
Durability,
Ease of
Operation,
It Stands
Unequalled



THE STEEL CHAMPION ROAD GRADER.

The Champion is KING. As a ditcher it has no equal. It leads for cutting down and wideuing roads. Moves earth to perfection. Lightest draft Road Machine made. LOOKS WELL—WORKS WELL—WEARS WELL. The Peer of Road Machines.

of \$9.87 per acre. The district is mainly devoted to wheat growing and the buyers are men who have made a success in the past, not tenderfoots buying by guess.

The inspections under Winnipeg inspection for week ending March 31, 1900, amounting to a total of 475 cars, were as follows:—

Wheat—No. 1 hard, 278; No. 2 hard, 70; No. 1 northern, 11; No. 2 northern, 1; No. 3 hard, 54; No. 1 frosted, 14; No. 2 frosted, 2; rejected one, 8; rejected two, 3; no grade, 14; No. 1 white fye, 2; condemned, 1. Oats—No. 2 white, 9; No. 2 mixed, 4; feed, 2; feed, 2.

Oats

Oats are, if anything, easier in price. Enough are coming in to meet immediate demands, and dealers have the impression that the stock at country points is not so small as was at first thought. No. 2 white are worth 31½c. to 32c.; mixed qualities for feed are a cent lower.

Barley.

Very little on offer. Cars on track here, 32c. to 36c., according to quality.

Flaxseed.

Nominal at \$1.25.

Flour.

The Ogilvie company has advanced its prices 5c. per sack. Hungarian patent, \$1.80; Glenora, \$1.70; Manitoba Strong Bakers', \$1.40; XXXX, 1; Lake of the Woods patent, \$1.85; Strong Bakers', \$1.65; Medora, \$1.40; XXXX, \$1.20 per sack of 98 pounds, delivered in Winnipeg.

Bran and Millfeed.

There is not nearly enough to meet the demand, and the Ogilvie mill having closed for alterations aggravates the shortage. Bran is now quoted at \$14.50; shorts, \$15.50; oat chop, \$23; barley, \$17; corn chop, \$18.

Potatoes.

The mild weather has brought out quite a supply of potatoes. A few cars have reached the city, and are worth from 25c. to 30c. a bushel at country points. In the city jobbers are selling at 45c. to 50c. in lots of 50 or 100 bushels.

Horses.

Horses are now coming forward, and prices are firm at high figures.

Cattle.

The market is quiet, and the only cattle moving yet is butchers' stuff to fill the

local demands. At country points from 3c. to 4c., according to quality, seems to be the going price. At Winnipeg 4½c. off the cars for ordinary lots and 4½c. for choice lots is the usual run. We see no prospect of higher prices this spring, as ocean freight rates are very high. The general price for stockers is \$12 to \$18 for yearlings and \$20 to \$26 for two-year-olds. Wherever good animals are found higher prices are paid. We saw one lot of 60 yearlings in a bunch, for which \$20 was paid. They were good ones and well worth the money.

Dressed beef, fresh killed, brings 7c. to 7½c.; ordinary grades run at 6c. to 7c.; veal, 8c. to 9c.

Sheep.

Frozen mutton still holds the market, though a few fresh killed sheep have put in an appearance. Fresh mutton is worth 11c.; frozen, 8c. to 9c. Easter will likely see a greater demand for fresh mutton.

Hogs.

The market in the east still keeps up. Choice bacon hogs are worth there 5½c. At Winnipeg the supply is more liberal, and choice lots bring 4½c. to 5c. off the cars, lower grades 4c. to 4½c.

Dressed pork is not so plentiful, the shipments from outside points being now cut off. Choice weights bring 6½c. to 6¾c.; heavy weights are lower.

Butter and Cheese.

Dairy Butter—Supplies are more liberal, but as the stocks have been pretty well cleared up, the supplies coming forward are picked up quickly. But the amount of choice butter in the shipments is small. More fresh good butter should soon be coming forward. Nice fresh separator bricks bring 20c. delivered in the city, while rolls and tubs bring 16c. to 18c., according to quality. Lower grades run from 12c. to 14c.

Cheese—Stocks low and price firm at 14c.

Poultry and Eggs.

Poultry—Practically nothing is doing, as the market is bare. A few live fowl may be expected for Easter at 65c. per pair.

Eggs—Supplies are more liberal, with consequently lower prices than prevailed at last market report. From 20c. the market has fallen to 12c. for fresh eggs, delivered in Winnipeg. Old eggs are not wanted.

Hides.

There is really no change in prices, 6½c. for frozen hides and 7c. for No. 1.

Experiments at Rothamstead.

Sir J. B. Lawes has just published his report on the 52nd crop of wheat grown on his experimental farm at Rothamstead, England. During that long period he has been growing wheat (1) on land cropped year after year without any manure whatever, (2) on land supplied with farmyard manure alone, and (3) on three different plots each treated with artificial manures of different blends, but assumed to be most suitable for promoting wheat growth. The unmanured plot is always kept free of weeds.

The wheats grown are all winter wheats and last winter was rather favorable to excessive growth. The spring was less favorable and in April and May there was excessive rainfall. June, July and August were extra warm with very little rain, conditions all of them favoring extra straw growth but favoring early ripening. The previous year had been one of extra fertility and this was little behind it. The crop for this year ran as follows:—Unmanured plot, 12 bus.; manured, 42½; artificials, 36. The weight in each case was close up to 62 lbs. The average for the previous 47 years was, unmanured, 12½, manured, 35½, artificials, 35½; weights close up to 60 lbs.

For the last few years a field has been devoted to green crops of several different kinds. This was fallowed to clear it of weeds and sown this year to wheat. Leguminous crops (peas and beans) left greater manurial value suitable for wheat than any other, consequently much of it was early laid down, but the yield still ran from 39 up to 45 bushels. Five out of seven plots ran from 42½ to 45 bus. and the weight all over was 63½ to 64½ lbs. A plot unmanured for 52 years and worked on the 4 shift system has grown so poor that turnips would not grow for the last 40 years, while wheat has this year made on the same ground 30½ bus., weighing over 63 lbs. This indicates wonderful staying power in the wheat over all other crops, on unmanured land.



A Home Made Brooder.

Any farmer's boy handy with tools can make a good brooder for young chicks. The season for them will soon be here, and spare time could well be employed in making one, so that it will be ready when wanted. The following description, taken from *The American Agriculturist*, gives a good idea of how to make a very serviceable one:—

The cut shows the lamp below a sheet of iron that securely shuts off the lamp chamber from the space above. Bed the sheet

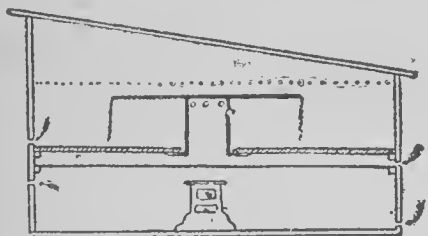
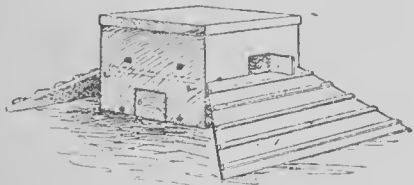


Diagram of Brooder.

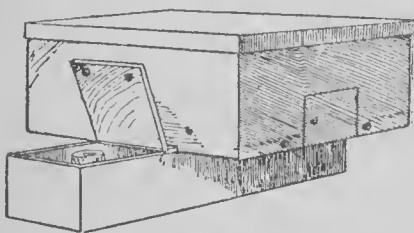
iron in white lead to make it air tight. Above the sheet iron the floor is of matched stuff, and in the centre is a 5-in. drum opening into the space between the floor and the sheet iron. Around the top of the drum are openings that let the hot air out into the brooder. The top of the drum extends for 10 inches all around the drum, and from the outer edge a flannel curtain is hung, inclosing a circular space with the drum in the centre. The curtain is "slashed" up every 3 inches. The dotted line



Brooder with Platform.

shows where the cover can be placed for an inside brooder. If it is to be used out of doors it must have a sloping cover. Put two lights of glass either in the cover or in opposite sides.

Not more than 50 chicks should be placed together when hatched, and two weeks later not more than half this number should be brooded in one lot. For 50 chicks just hatched, the brooder should be



Brooder set level.

3 feet square and the sheet iron top of the hover should have a diameter of 20 inches. The ventilating holes are one inch in diameter. Cut rectangular openings in the sides and fit glass to the inner and outer edges of the opening. This will give tight double windows. A small oil stove could

EGGS for HATCHING

Why send East for Birds or Eggs? Birds of my breeding have been sent as far East as Massachusetts, U. S.

Barred Plymouth Rocks
Silver Laced Wyandottes
Indian Games **Black Minorcas**
Black Hamburgs
S. C. Brown Leghorns

Birds of all the above varieties won honors at last Poultry Show, held at Winnipeg, February, 1900. Eggs of all stock, \$2.00 per 13.

THOS. H. CHAMBERS, BRANDON, Man.

EGGS FOR HATCHING.

Buff and Partridge Cochins,
Light Brahmas, Black Langshans,
Black Spanish, S. C. Brown Leghorns and Cornish
Indian Games. Eggs from above stock \$2 per 13.

BARRED ROCKS, \$1 per 13.

IMPERIAL PEKIN DUCKS, \$1.00 per 11.

I have spared no pains or expense in importing new blood for my breeding pens. Satisfaction guaranteed.

JOHN LONGMORE,

Reliable Poultry Yards, HOLLAND, Man.

WHITE PLYMOUTH ROCKS ONLY.

Winners of Lieut.-Governor Patterson's Challenge Cup and Gold Medal at Manitoba Poultry Show, '99. Eggs \$2 per 13. Young birds for sale in the fall. LOOK OUT for my birds at the Western Show this summer.

T. M. PERCIVAL - BRANDON.

THE RELIABLE POULTRY YARDS.

is still at the front; with 18 entries at Winnipeg Poultry Show, 1900, took 10 1st, 4 2nd, and 1 3rd. Eggs for Hatching from the following breeds:

LIGHT BRAHMAS:
BARRED & W. P. ROCKS } \$2⁰⁰ per 13
INDIAN GAME
S. C. WHITE LEGHORNS } \$3⁵⁰ - 26
WHITE WYANDOTTES
BUFF PEKIN BANTAMS
ENGLISH RING-NECK PHEASANTS—
EGGS \$3 per doz.
M. BRONZE TURKEYS } \$2⁰⁰ per 11
PEKIN DUCKS

Cash with order. Address—

W. H. GARSIDE, Mgr., Box 299, BRANDON

Rosemead Poultry Farm, Boissevain.

EGGS FOR HATCHING. First class quality. Black Minorcas \$3 and \$2 per setting; Silver Wyandottes \$3 and \$1.50 per setting; White Wyandottes \$2 and \$1.25. The first pen in S. Wyandottes and Minorcas headed by unbeaten males and every female over standard weight. Minorcas average score 93%. Won at Poultry Show 3 1st, 2 2nd, 2 Specials in 7 entries; also highest-scoring Cockerel and Pullet (shown in pen). Cockerels for sale from \$1.50 upwards. ED. BROWN, Box 207.

W. F. CROSBIE, MANITOUL, MAN.

Is still breeding

Barred and White Plymouth Rocks

Sid Conger and U. R. Fishel strains.

EGGS FOR SALE, \$2.00 PER SETTING.

Norwood Bridge Poultry Yards

Houdans, White Wyandottes, Minorcas,

Pekin Ducks, M. B. Turkeys.

My birds won 6 firsts and 2 thirds from 10 entries at last Poultry Show.

Eggs \$2 per setting. Ducks \$1 per setting.

Address J. Wilding, Norwood Brdg, Winnipeg.

SUCCESS POULTRY YARDS, Winnipeg, Man.

If you want good stock buy eggs from J. A. King's **S. C. Buff Leghorns** and **Barred P. Rocks**. At Manitoba Poultry Show, held in Winnipeg, Feb. 15 to 23, I won first, third and special on Pullets, second Hen, second Breeding Pen and special for best collection, scoring over 90 points. No Rocks shown. Satisfaction guaranteed or money refunded. S. C. Leghorn Eggs \$2.00 per 13, B. P. Rocks \$1.50 for 13. J. A. KING, 418 Alexander Av., Winnipeg.

When writing advertisers, kindly mention The Nor'-West Farmer.

Louise Bridge Poultry Yards

HEADQUARTERS FOR THOROUGHbred POULTRY.

Barred Plymouth Rocks,
Single & Rose-comb White Leghorns,
White Wyandottes, Black Spanish.

My stock again carries off the lion's share of prizes, winning 20 firsts, 8 seconds, 2 thirds and numerous specials. Also exhibited five birds at St. Paul, Minn. show, winning three firsts, a fourth and two specials. The above record stands unequalled.

A few choice cockerels for sale.

Orders now booked for eggs at \$2.00 per 13.

Address—**GEORGE WOOD,**
Louise Bridge P.O., Winnipeg, Man.

Oak Grove Poultry Yards,

LOUISE BRIDGE P.O., WINNIPEG, MAN.

Was on top again at last Poultry Show, winning 15 firsts, 9 seconds, 2 thirds, 1 silver cup and several specials. Also special for highest scoring pen in exhibition of any breed.

A few pair of young Pekin Ducks from imported and prize-winning stock, at \$4.00 per pair.

No more Turkeys for sale until fall. All young stock sold. I am breeding from two of as fine yards of half to three-quarter wild Turkeys as there are in Manitoba.

I am sole agent for Manitoba and N.W.T. for **GEO. ERTLE & CO.'S VICTOR INCUBATORS and BROODERS.**

Send for 1900 Circular.

Address—**CHAS. MIDWINTER,**
Louise Bridge P.O., Winnipeg.

G. H. GRUNDY VIRDEN MAN.

Breeder of high-class Box 688.

BARRED ROCKS, S.L. WYANDOTTES, B.R. GAME BANTAMS.

My birds have taken first prizes at Winnipeg, Brandon and Virden exhibitions, and first for Barred Rock Cockerel at the Manitoba Poultry Show held at Brandon Feb. '99, exhibiting the highest scoring Barred Rock at this show in a class of 67 birds. Young stock for sale. Eggs in season.



EGGS.

LIGHT BRAHMA } per setting 1.50
B.P. ROCKS }
S.C.W. LECHORNS } per 1.00
S.C. BLACK } setting

Muffed Tumbler Pigeons for sale

Rev. J. E. KIMBERLEY,
Rounthwaite, Man.

25 YEARS A WINNER 25

If you want prize birds, White and Buff Rock, White and Brown Leghorns, and Black Minorcas, **NOW IS YOUR CHANCE!** For 25 years I have taken more prizes in my classes than any other breeder in Canada. Toronto Industrial, 1899, 7 prizes and medal for best collection in W. Rocks; 9 prizes and medal for best collection in Leghorns. At the Ontario, 1900, I won more prizes and specials in my class than any other breeder. Eggs from strictly first-class pens, \$3 a setting. Reduction on a number of settings.

THOMAS RICE, Box 376, Whitby, Ont.

S. C. BROWN LEGHORNS ONLY

A fair field and no favor.

My birds won, Winnipeg, 1899, 2 1st, 1 2nd—two entries. Woodstock cock, \$2 score, 1st; cock, \$1 score, 2nd; cockerel, \$5½ score, 1st. Ingersoll, eight entries, won 4 1st, 3 2nd and 1 3rd. At the Ontario, 1900, Peterborough, 2nd and 3rd hens, 3rd pullet, 1st and Special for breeding pen.

Eggs \$1.50 per setting. Birds at all times for sale.

J. G. TAYLOR, Woodstock, Ont.

REID'S POULTRY YARD.

Breeder of **BLACK MINORCAS, GOLDEN WYANDOTTES and BLACK B. RED GAME BANTAMS.**

At Manitoba Poultry Association Show, Winnipeg, I won on Minorcas 1st pen, 1st cockerel, 1st hen, 3rd pullet. On Wyandottes, 1st cock, 2nd pullet, 2nd pen. Bantams, 1st cock, 1st pullet, 1st pen.

EGGS—\$2.00 per setting.

THOS. REID, 293 Lizzie St., Winnipeg

WHITE PLYMOUTH ROCKS !!

If you want good birds, write for prices to

S. B. BLACKHALL,
696 McMicken St., Winnipeg.

NO MORE Ducks or Geese for Sale, but have a few B. P. ROCKS and B. B. REDS, PIT, and I. CORNISH GAMES for sale. Eggs in season, \$1.50 for 13.

SAML. McCURDY, Carberry, Man.

be used for this brooder, but the regular brooder stoves that can be bought from any poultry supply house are better.

Chicks persist in running under the incline. To obviate this, have an incline all around the brooder as suggested in one of the illustrations, one side of the incline being removed to show the plan more clearly. Another plan is shown in the third illustration, where the lamp box is narrow and extends in front of the brooder. A narrow trench can be dug in the ground for the lamp box, bringing the brooder proper down level with the ground, so that the chicks can run in and out at will. Put the lamp in at the front and push in along under the middle of the brooder. Then close the cover in front. The lamp chamber must be ventilated in front and at the rear by two holes at each point.

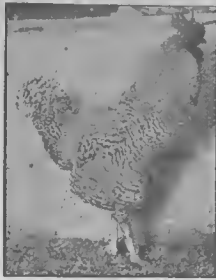
Many Thanks.

J. R. Henry, Chater, Man.: "I have received through the Manitoba Poultry Association the beautiful gold watch donated by you for the best pen of chickens raised by a farmer during 1899, all breeds competing. Many thanks. I, like Mr. Kitson, handed it over to my wife, and she is very much pleased with the present. This act on your part is worthy of the loudest praise on the part of the farmers of the province, for in such acts as this it is easily seen that your aim is to promote due interest in a very profitable branch of our farming operations. I have only been a reader of five or six issues of your paper and am convinced that you are on the lookout for the farmer's best interests. I wish you every success in your work. Allow me to add that my prize winners are doing well since their winter excursion to the capital. I sold the cockerel since the exhibition, but have the four prize pullets, scoring 91½, 92, 92½, 92½, in a breeding pen along with two others equally good and a yearling hen (Rice's strain), which I imported from Ontario last year, mated with a grand cock, full of good points. I expect good results. These, with 75 others, all pure bred W. P. Rocks, make me a fine and profitable flock. My earliest chicks were hatched on June 6th last year."

Geo. Wood, of Holland, has recently imported from Bradey Bros., of Lee, Mass., U. S., a pen of Barred Plymouth Rocks, three hens and one cockerel. These are among the best birds we have ever seen, and they should be of great value in improving the stock of that breed.

The poultrymen of Winnipeg have organized a Winnipeg Poultry Association and have made application for affiliation with the Manitoba Poultry Association. We understand their application was accepted. The officers elected are as follows: Honorary President, Honorable Hugh John Macdonald; president, George Wood, Louise Bridge; vice-president, Wm. Rutherford; sec.-treas., George Harcourt; ex. com., Messrs. J. E. Munroe, King, Webb, Alldritt, A. Mitchell and R. J. Hinds.

On a recent visit to Holland we made a call at the Reliable Poultry Yards, which are located on the edge of the town, and though it was about the middle of March, we found that Mr. Longmore had all of his poultry separated and mated for the season. He has added several new varieties since our last visit; in fact, he has spent over \$100 in new blood during the past winter. Many of his birds are of exceptional quality. He is prepared to go into the business larger than ever this year and egg orders will receive careful and prompt attention.



"Shamrock."—2nd prize cockerel at Poultry Show, Winnipeg, February, 1900.—Butterfield, Judge

JOHN TODD, 455 Henry St., W'peg, Man.

RIVER VIEW STOCK & POULTRY FARM

We are headquarters for eggs for hatching from the following varieties of pure-bred fowls:—Barred Plymouth Rocks, Black Minorcas, Buff Wyandottes, Buff Cochins Bantams. Eggs from the above varieties \$2.00 per setting.

Pekin Ducks, Indian Runner Duck, Rouen Ducks. Eggs per setting from above pure-bred Ducks, \$1.50 per setting.

Birds from which we are breeding are strictly first class, scoring from 90 to 94½ points.

Our poultry are reared and kept on a farm 3 miles from City, and is a sufficient guarantee that all our eggs will be fertile. Address—River View Poultry Farm, Winnipeg. C. H. WILSON, Manager.

Birtle Poultry Yards.

W. T. Beltnes, Box 28, Birtle, Man., Prop.

Houdan and Silver-Laced Hamburg Eggs for sale. Eggs guaranteed fresh. \$1.50 per setting of 13.

I have also Norwich crown and plain-headed Canaries for sale at all times.

"ACME" POULTRY YARDS.

EGGS! EGGS!! EGGS!!!

From our well-known strain of Single Comb White Leghorns, \$1.00 per setting, or \$2.00 per setting from special mating. Barred Plymouth Rocks, \$1.00 per setting. Single Comb Black Orpingtons, \$3.00 per setting (a few settings only to spare.)

A few fine Single Comb White Leghorn Males.

W. A. PETTIT, Boyd Ave., Winnipeg

A. J. CARTER, BRANDON, MAN.

Breeder of first-class Barred and White Plymouth Rocks, S. Laced Wyandottes

The bird that heads my Barred Rock pen tied for first cockerel in 1899; also second best cock in 1900 at the Manitoba Poultry Show. Best pen for Silver-Laced Wyandottes, second hen at the above show, 1900. No White Rocks exhibited. Eggs \$2 per 13; \$3.50 per 26; \$5 per 39, carefully packed and delivered at express office here.

TRIOS \$5! TRIOS \$5! TRIOS \$5!

HOUDANS AND GOLDEN WYANDOTTES.

In order to make more room for my breeding pens, I will sell for the next 25 days, first-class breeding stock at \$5.00 per trio. Mated for best results. Satisfaction or your money back. These are from same stock that won the Drewry Grand Challenge Trophy and Gold Medal, Special for best pair Houdans, and 7 regular prizes at the Manitoba Show, February, 1900. Also won 2 premiums on 4 entries at the great St. Paul Show in the hottest competition on record. Orders for eggs booked now, at \$2.00 per setting, from the finest pens in the West. Address—

WINNIPEG POULTRY YARDS.

C. H. WISE, Manager, 759 Elgin Ave., Winnipeg

Buff Cochins

A few choice Cocks and Cockerels FOR SALE.

F. D. BLAKELY, 285 Ellen St., Winnipeg.

WHITE WYANDOTTES,

COCKS, COCKERELS, PULLETS AND YEARLING HENS FOR SALE. ALSO EGGS IN SEASON.

My birds won E. J. Drewry's Silver Medal at the Poultry Show, Winnipeg, 1900, for most birds scoring 90 or over in the American class, besides numerous other prizes. Address—

E. COATSWORTH, 208 Good St., WINNIPEG, Man.

When writing advertisers mention The Farmer.

Barred P. Rocks.

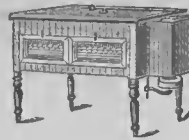
Buff P. Rocks.

Black Langshans.

Silver S. Hamburgs

In BARRED ROCKS I have 3 A 1 Breeding Pens, headed by PRIZE-WINNING COCKERELS, Eggs \$2.00 per 13.

Safety Incubators and Brooders



Are the BEST, most reliable, and cheapest machines you can buy. Fire-proof heaters, fire-proof lamps, absolutely self-regulating, supply their own moisture, and are fully guaranteed. For circular, & address the manufacturer.

J. E. MEYER,
KOSSUTH, ONT.

FRESH EGGS!

FOR SALE. R. DOLBEAR, 1238 Main St., W'peg.

Send them to me guaranteed, and dated, for sale on commission and realize good prices. EGGS from FIRST PRIZE WHITE PLYMOUTH ROCKS

DON'T BUY INCUBATOR

until you see our catalogue. The TORONTO INCUBATOR is the best machine made. Write for catalogue. Address—

T. A. WHILLITS, 514 Dundas St., Toronto, Ont.

Maw's Poultry Farm.

WINNIPEG, MAN.

Breeds best strains of utility breeds thoroughly acclimatized and best adapted to our climate. Have for sale stock and eggs of Mammoth Bronze Turkeys, Toulouse Geese, Imperial Deep Keel Pekin Ducks, Rouen Ducks, White Wyandottes, White Leghorns, Silver-laced Wyandottes, Light Brahmas, Hero strain of Plymouth Rocks, Homing Pigeons from best imported Belgium stock, same as used by military department for carrying messages from beleaguered cities. Am North-west agent for the celebrated Cyphers' incubator. Mr. Cyphers is the discoverer and patentee of the diffusive principle in artificial incubation, saving the lives of thousands of chicks that die in the shell in ordinary incubators. It is asbestos coated and perfectly fire-proof—regulates its own moisture and so simple—a child can run it. Large illustrated poultry catalogue giving list of prizes and medals won at all leading exhibitions, with prices, description and pedigree of stock mailed free on receipt of address.

DES MOINES INCUBATOR CO.

The BEST and the CHEAPEST.

95 Per Cent. Hatches are often reported by those who use these Incubators. One reason for this record is absolute uniformity of temperature in egg chamber; correct instructions for operating; has fire-proof lamp. A great mistake it would be to purchase an Incubator or Brooder without first getting a copy of our 148-page Catalogue. Send 3 cents for illustrated Catalogue of Incubator, Brooder, Poultry and Poultry Supplies.

"THE POULTER'S GUIDE" (new edition) 15 cents by mail.

O. ROLLAND,

24 St. Sulpice St., MONTREAL.

Sole Agent for the Dominion.

A Poultry Paper Three Years for \$1.

We will send the CANADIAN POULTRY REVIEW three years for \$1, or to three subscribers one year for \$1. Special departments for "Turkeys, Ducks and Geese," Poultry Ailments, "Bantams," "Incubators and Brooders," "Practical Poultry" (under charge of A. G. GILBERT, Manager Poultry Department, Government Farm, Ottawa), etc. New illustrations, critical show reports, 40 to 48 pages monthly. Single copy 5c. Address, Toronto, Ont.

White Wyandottes, Barred Rocks, Black Javas.

My birds won six FIRST prizes, one second and four specials including Lieut.-Gov. Patterson's cup for the highest scoring breeding pen, any variety, at Manitoba Poultry Show, Winnipeg, Feb., 1900. Eggs \$2.00 per setting.

JNO. KITSON, Macdonald, Man.



FOR CATALOGUES

and further information apply to
Local Agents in

**MANITOBA,
NORTHWEST TERRITORIES
AND BRITISH COLUMBIA.**

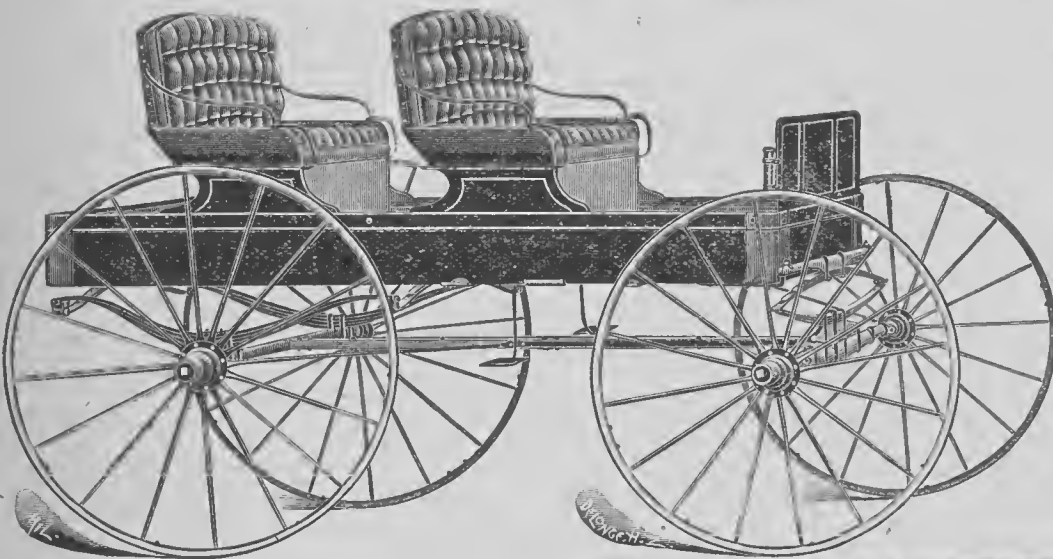


Or—

W. A. CAVANAUGH,
General Agent, Winnipeg,

and—

W. J. CUMMINGS,
General Agent, Regina.



**Farm, Freight and Spring Wagons
of every description.**

For prices write to—

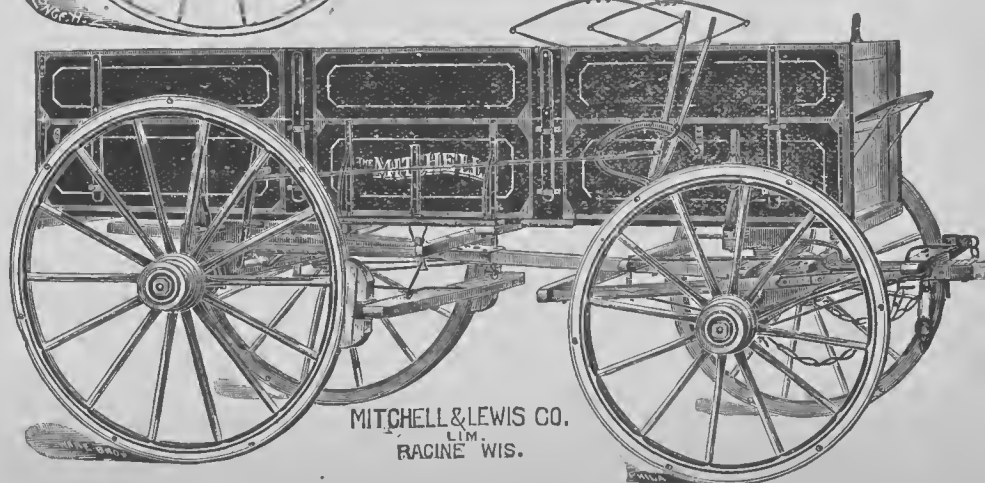
Johnston & Stewart,

GENERAL AGENTS,

WINNIPEG, MANITOBA.

THE MITCHELL WAGON

The Wagon that has given universal satisfaction for
SIXTY-FIVE YEARS.



Mitchell & Lewis Co.,

LIMITED.

RACINE, WISCONSIN.

MANUFACTURERS OF

—THE—

MITCHELL WAGON.

MITCHELL & LEWIS CO.
LTD.
RACINE WIS.



While our columns are always open for the discussion of any relevant subject, we do not necessarily endorse the opinions of all contributors. Correspondents will kindly write on one side of the sheet only and in every case give the name—not necessarily for publication, but as a guarantee of good faith. All correspondence will be subject to revision.

Coyote and Wolf Hound.

Subscriber, Carievale: "In what month does the coyote breed, and how many young does she have? Can Irish wolf hounds be got in Manitoba?"

Answer.—About this time, and four or five at a birth? 2. Will some reader answer this? They are certainly rare.

A Word to the Wise.

A correspondent, writing from Eastern Assiniboia, tells us that an agent of a Minnesota firm was through his district recently buying up all the Brome grass seed he could obtain. In conversation with our correspondent the agent remarked that the farmers could not properly appreciate the value of Brome grass or they would not allow the seed to leave the country. If it pays the people of Minnesota to grow this grass, will it not pay us?

Putting Water Into Barn.

S. Martin, Rounthwaite, Man.: "In reply to your Newdale enquirer, I would say that he will require to put his pipes seven feet under ground; that he can work pump from windmill by wires; that any good force pump would do. Have the discharge pipe to the barn large enough. Nearly all force pumps have a stuffing box or packing gland. I have seen a piggery like the description given of Stephen Benson's, and it makes a very convenient, handy building."

Indications of Petroleum.

H. I. J., Russell, Man.: "What are the indications of petroleum? The water here has an oily substance that floats on the top and smells like coal oil. There are also indications of iron in the same water. What would be my best way to ascertain that there is oil? Is there any petroleum found in Manitoba?"

Answer. — Pack up carefully a small bottle of that water and forward it to F.T. Shutt, chemist, Experimental Farm, Ottawa, with suitable explanation. It will go post free. We are not aware that any petroleum underlies Manitoba.

Breaking Queries

Homesteader: "1. Will some one acquainted with the Acme harrow give their experience as to its usefulness. 2. Does a combination plow make as good work as can be done by two plows specially fitted for breaking and stubble plowing. 3. Which are the best plows for breaking light rolling prairie with no brush and a few stones? 4. Is a sulky or gang plow suitable for breaking?"

Answer.—1. It has a good name as a capital harrow in the east and should be equally successful here. We would be pleased to hear from those who have used it. 2. A No. 14 Verity has been much favored; is a capital breaking plow, but is not so good as a stubble plow. 3. For such work a walking plow is always to be preferred. 4. Only on clean, level prairie with no stones or scrub.

Foam on Separator Milk.

J. H. Farthing, Millwood, Man.: "I have often received benefit from the published experience of others and desire to pass it on. In reading the report, in the March 5th issue of The Nor'-West Farmer, of the dairy convention, I notice that the danger of feeding calves separator milk with the foam on it was discussed, but no remedy is mentioned. Here is my way out of the difficulty. Run the skim-milk into a shot-gun creamer with a tap on it, and from this carefully draw through the tap into the feeding pail. If reasonable care is taken in doing this, the foam is left in the creamer, and this can be diluted with water, mixed with the pig feed, and no harm done, and nothing wasted. We think the separator the clear thing, and find our calves do quite as well, in fact, we think better on the separator milk than on the old skim-milk of the creamer method."

Sowing Brome Grass.

Wm. Langrish, Valley Farm, Oxbow, Assa.. "In a recent issue of The Farmer I noticed a letter from Mr. Mackay, Superintendent of the Experimental Farm, Indian Head, warning farmers against following my advice in advocating a nurse crop with Brome grass. Now, if anyone who contemplates sowing Brome will read my first letter they will see that I only advise a nurse crop on well prepared, rich summer fallow. I am of the same opinion as Mr. Mackay, that it is not safe to follow the same plan on spring or fall plowing or on land inclined to be dry. I would further advise all farmers to profit as much as possible by the advice and experience of the experimental farms. My principal object in writing my first letter was to show how a saving of seed might be effected by sowing with a drill and at the same time an even plant be secured."

Yearling and Two-year-old.

L. G. B., Qu'Appelle Station, Assa.: "In the issue of The Farmer for March 5, in the Market Review, the price of yearling and two-year-old cattle is quoted. I would like to ask: What is the generally accepted age of a two-year-old? Is it a beast between his second and third birthday, or between his second or third birthday, or between the ages of one year and six months and two years and six months?"

Answer.—A cattle beast is a calf until it is 12 months old; when it has passed the 12 months it is then called a yearling until its birthday at 24 months, when it is a two-year-old. Hence a calf may be called a calf until within a day of being a yearling. By the term yearling, as applied to stockers, is meant last spring's calves. Some of them may be quite a bit over 12 months and some of the later ones will probably be hardly the full year.

Stone Granary.

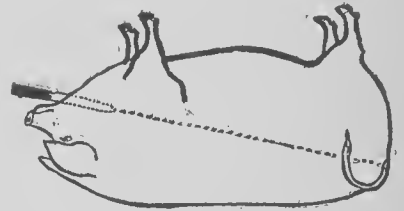
W. G. Willoughby, Lyonshall, Man.: "In answer to W. H. Card, of Glenboro, Man., in reference to a stone granary, I would say that I have had a stone granary for the past twelve years, and find it all right. I have not noticed any dampness on the walls. One year I had some wheat left over until July, and when I commenced hauling it to market, I found the wheat that laid closely to the wall a little tough. Since that time any wheat I have held over later than June I have kept it back from the wall. My granary has a board floor with ventilation underneath. I would advise any one intending to build a stone granary to be very careful to have good mortar, made of good sharp sand, well mixed, or the mice will ruin it. If I were going to build again I would have 30-inch walls, especially if it were a one-story building, as one needs the weight. A stone

wall will stand any amount of downward pressure, but will just stand so much side pressure."

Sticking Pigs.

Butcher, Hamiota: "What is the right way to stick a pig, that is to say, the depth and direction of the cut?"

Answer.—The following illustration explains itself. Pigs are usually stuck without stunning, but quite frequently they are struck a smart blow on the forehead halfway between the eyes and the top of the head, with a hammer or similar weapon; then, before the pig can struggle, turn him square on his back, place a foot on each side of the head, facing the animal, holding



the head down to the floor by placing the left hand on the snout. Now place the point of the knife on the animal's throat, cut through the skin, turn the back of the knife to you, at the same time looking over the carcass push the knife in a straight line in the direction of the root of the tail, and give the knife a quarter turn and the point a little upward cut. If you do not stick just right for the first time, you will see why when the pig is opened. A little observation will enable you to do it successfully.

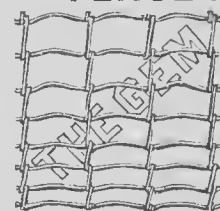
Wheatland, 16th March, 1900.

The Manager,
North-West Fire Insurance Co.,
Winnipeg.

Dear Sir: I beg to acknowledge receipt of your cheque for \$120.30, being in full settlement of loss sustained by me, by fire of the 12th February. I have to thank you for giving this loss prompt attention and forwarding me the Company's cheque so promptly.

Yours truly,
THOMAS SAWYER,
Wheatland, Man.

FENCE MACHINE.



The GEM still holds the record—120 rods 10 wire fence in 10 hours.

PRICE \$5.00

Coiled spring and other wire for sale in any quantity. Write—

McCROCK, BANWELL & CO
WINDSOR, ONT.

Better Than Ever To Omaha And Kansas City.

The old established and well travelled line is via Sioux City, and by it you find all the most modern equipment, vestibuled trains, gas lighted, steam heated, with the best Pullman SLEEPERS on night trains, and OBSERVATION PARLOR CARS with CAFE SERVICE on day trains. In fact, all the little things that go to make travel comfortable are found on trains of the North-Western Line from Minneapolis and St. Paul, either to Sioux City and Omaha or to Chicago. By the North-Western Line time and distance is also shortened to Deadwood and the Black Hills country.

For Time Table folders, giving information in detail or for descriptive circulars, address

T. W. TEASDALE,
Gen'l Passenger Agent, ST. PAUL.



My Experience With Native Grasses.

By Kenneth McIvor, Virden, Man.

(Prepared for the Cattle Breeders' Convention.)

I find that the subject of seeding to grass has been a very live one for the last few years. As the useful varieties suited to our climate are at present unfortunately few, also as the majority of those intending to seed are at a loss which variety to use, and as the varieties which are admittedly the best, are comparatively new, a few remarks, therefore, on the variety which I advocate, viz., Western or Native Rye Grass, may, I trust, be of some interest to at least a few of my brother farmers.

Western, or native rye grass, as its name implies, is a native of this Western country, also of the Northwestern States, as I have been led to understand by F. Lamson-Scribner, agrostologist, Washington, D. C. I noticed it first in 1885, when putting up hay in the Assiniboine valley. I gathered enough seed to sow about one-twelfth of an acre. This I sowed in the spring of 1886 (which, as you may remember, was our first dry summer). It grew about one foot high and matured seed. This plot I left for eight years, cutting it every year. The soil was light sand. I spread manure on it twice, I think, during that period. The grass kept clean until plowed up. It was plowed in July along with the summer fallow, getting the same furrow. The crop of wheat next season was (judging from appearances) about double that of the rest of the field, and has kept ahead since. My system of handling it now is to leave it two years under grass and then plow, which, I think, is more satisfactory.

My reason for advocating this grass is because I think it is the best all-round grass adapted to our climate yet introduced. Its only rival is Austrian Brome grass (*bromus inermis*.) As to the relative merits of these grasses, I will refer to experiments conducted by the Dominion experimental staff, which I believe to be as nearly correct as practical. The Western rye grass has the advantage over its rival, because:—

1st. It can be sown at two-fifths cost of Brome.

2nd. It can be easily sown with the ordinary grain seeder, which Brome cannot.

3rd. It yields a heavier crop (see Experimental Farm Reports, 1891 to 1896, Brandon farm), average yield of rye grass, 2 tons, 1,310 lbs; Brome, 1 ton, 1,283 lbs.

4th. It is richer in albuminoids; for analysis see bulletin No. 19, Central Experimental Farm, rye grass seed fully formed, green, 5.27 per cent; Brome, do., 4.14 per cent. Calculated to water free substance, rye grass, 14.06 per cent.; Brome, do., 11.88 per cent.

Allow me now to draw your attention to the explanation given in above bulletin as to the albuminoids or protein. "Under these terms are collected the substances that constitute the nitrogen portion of the fodder. They are by far the most important and valuable of all the nutrients, since they largely assist in the formation of blood, muscle and bone. They are consequently necessary to the production of milk and flesh. Hence they are known as flesh formers. The wastes of the tissues, which ensue from daily activity are repaired from and replaced by the albuminoids of the



NOXON NEW BUFFALO PATENT ALL STEEL DISC HARROW.



NOXON No. 12 SECTIONAL SPRING TOOTH CULTIVATOR



NOXON STEEL HOOSIER DRILL.

THE UNIVERSAL FAVORITE,

Noxon Disc Harrow

(OUT-THROW.)

The only Disc Harrow that has adjustable pressure springs. This feature is invaluable on hard or uneven ground.

Noxon NEW SECTIONAL SPRING TOOTH Cultivator

(fitted with grain and grass sowing attachments if desired),

With reversible points, also thistle cutters if ordered.

The lightest draft, best working and most easily operated cultivator manufactured.

The teeth work directly under the axle and within the wheel line.

See the NEW SPRING LIFT.

THE CELEBRATED

Noxon Drills Steel Hoosier and Spring Pressure.

Our old reliable HOOSIER Drills are so well and favorably known that they speak for themselves. There are now over 60,000 in use among the farmers of this country.

We invite the closest inspection of our Farm Implements and Machinery which we are manufacturing for the coming season.

In addition to the above we call special attention to our **NEW VICTORIA BINDER** and **No. 14 OXFORD CLIPPER FRONT-CUT MOWER**, also our patent Spring and Spike Tooth Harrows and friction and Ratchet Dump Rakes.

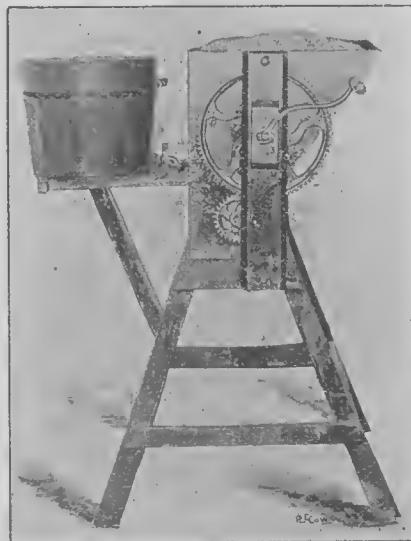
It will amply repay all intending purchasers to see our lines before placing their orders elsewhere.

Send for our New 1900 Catalogue.

The Noxon Co. Ltd.,
Ingersoll, Ont.

THE BRANDON MACHINE WORKS CO. LTD.

BRANDON, MAN.



THE ACME GRAIN PICKLER

Capacity 100 bushels per hour.

It does a perfect job.

Sub-Surface Packers

ASK PRICES.

Mention The Nor'-West Farmer when Writing Advertisers

food. They are under certain circumstances converted into fats of the body, and at times also serve for the production of heat and muscular strength in the animal. Since they are absolutely necessary not only for milk and beef production, but also for the maintenance of life, the albuminoids cannot be replaced in a ration by any other nutrients." Assuming the average yields and analysis to be practically correct, one acre of rye grass yields as much milk and flesh formers as two of Brome.

5th. It is easier saved than Brome.

6th. It withstands drought better than Brome (see Experimental Farm Reports for 1892, page 206, Brandon Farm.) The following were quite hardy, but owing to the very dry weather in the early part of the summer the yield from them was light: Timothy, Bromus Inermis, etc.; yield from rye grass same season and place, 2 tons, 1,200 lbs. Again, Indian Head Farm Report, 1897, page 374: This time a fair start was made about 20th of April. But dry weather set in and very little progress was made till 20th of June. Result—Brome, 1 ton, 1,616 lbs., rye grass, 2 tons, 1,714 lbs.

7th. When wanted for seed it is easier handled than Brome, as it can be threshed at same price per bushel as wheat.

8th. For preventing drifting it excels Brome because its slender fibrous roots bind the soil closer than the coarse sucking roots of Brome.

9th. It adapts itself to all sorts of soil better than Brome.

10th. Being a bunch grass and having no running roots, one plowing at any time of season effectually kills it, a very important consideration to the ordinary farmer as compared with Brome.

Gentlemen, I have now given you several strong reasons why I consider Western or native rye grass the best agricultural grass, and considering the disadvantage under which it has to push its way compared with its rival (being introduced by an obscure farmer), I am fully satisfied with the progress it has made in the estimation of men who do part of their own thinking. Seven or eight years ago individual orders ran from 1 to 5 lbs., now they run up to 800 or 900 lbs. For the last two seasons I shipped to the Brandon Station alone 3,450 lbs. of seed.

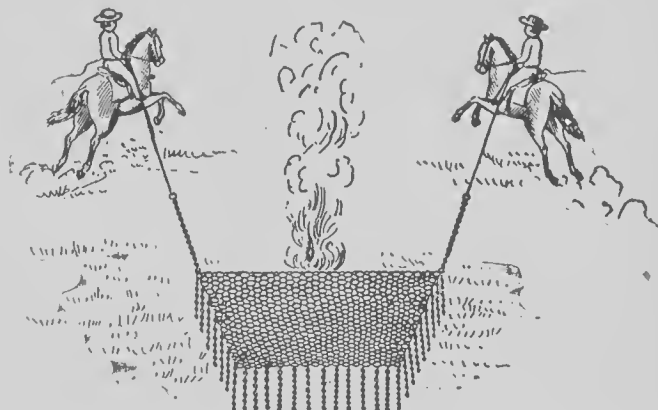
The Wheat Crop of the Territories in 1899.

The wheat crop of the Territories for a few seasons previous to 1899 has been a very satisfactory one both in quality and yield. But last year while there were very fine samples, as the competitions for the prizes offered by the Territorial Government fully proved, there was also a large amount sent out that graded indifferently and made unsatisfactory returns to the millers who used it. This, at the time when Western Manitoba was giving a quality superior to that of any previous record, was a good deal of a puzzle. Angus Mackay, of Indian Head, was asked what light he could throw on the subject, and sends us the following, which we think very fully clears up the difficulty:—

"I think in all sections of this western country two causes operated to make a poor grade of wheat. First, we had the frost in August that caused injury. At the time, or shortly afterwards, it was thought that in any crops far enough advanced to be injured, the grain would be entirely killed. This was found not correct when the grain ripened. It is known that all the grain in a head of wheat does not develop at the same time, and consequently when the frost caught the part of each head at a particular stage, in that part no wheat formed. Another part of the head was further advanced, and in that part the wheat was

thin and deformed. Again, in heads where development had not started, no harm was done and each grain was perfect. The August frost did most harm on new breaking on account of its being sown earlier and further advanced on August 4th, when frost visited the country. I am sure this frost was responsible for quarter of the inferior wheat.

"A second and main cause of the poor grade was cutting the grain too soon. As you know, all our western crops were late last year, and those on fallows were especially late, and were cut far too soon. In this section the light soil gave the best grade of wheat; all south of here went No.



1, while north on the heavy land No. 2 and No. 3 were grown. There was poor wheat brought in from the south, but made so by cutting too early. Where it was left until ripe the grade was No. 1. In the north much of the wheat had to be cut green, though left until the very last. The season was too short for that section of country. For the oat and barley crop the season was favorable, but for wheat it was the opposite."

When writing advertisers mention the Nor'-West Farmer.

Prairie Fire Extinguisher.

Prairie fire is one of the terrors of the great west. Through accident, but more often through carelessness, a fire is started that, if allowed to run unchecked, may ruin the season's pasture over many miles of country. Any means that can be relied on to check this fearful waste must be of great value to every rancher. It is evident that such an appliance must be easily handled, always in working trim and capable of permanent usefulness. Such an appliance is the Martin Prairie Fire Extinguisher, advertised in our columns. It may hang

inside or outside a barn for years unused, and yet be fit at a minute's notice. It can be carried on horseback to where it is wanted, put in action in half a minute's time and hauled over a burning prairie at a fast pace with the almost certainty that it will wipe out any ordinary prairie fire. See it for yourself and you will buy it.

PATENT PRAIRIE Fire Extinguisher

Write for circulars
and information to
F. H. MARTIN,
MOOSE JAW, ASSA.

"John, when that black helper is killed we must have her hide tanned for a robe. I see W. W. CARRUTHERS, of Brandon, is making some beautiful robes out of black-haired hides!"

There's a Farmer's Wife WITH GOOD SENSE

We are making the best Robe for the money ever offered to the public.

WE ARE PREPARED to tan Cow or Horse hides for robes, and guarantee a better class of work than has ever been done in Canada before. This is a broad statement, but we will stand by it, and will convince anyone who may send us a hide to tan that we are not over-estimating our ability.

Samples of our work will be sent to any address on application.

FIRST-CLASS FUR DRESSING
OF ALL KINDS

A Specialty.

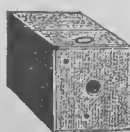
We guarantee all hides or furs tanned by us to be positively moth proof. These hides will not get hard with age or wear—the longer they are used, the softer they get. They are also waterproof from the hair side.

Write for prices and samples of work to

W. W. CARRUTHERS, 9th St., Brandon.

Dealer in Hides, Wool and Furs,

And Manufacturer of Cow Hide Robes and Coats, Lamb Skin Rugs, &c



FREE CAMERA

Complete with outfit and instructions. Takes a picture 2x2 in., and any person can learn to do it in a few hours by following the instructions. Outfit consists of 1 Camera, 1 box Dry Plates, 1 pkg. Hypo, 1 Printing Frame, 1 Developing Tray, 1 pkg. Developer, 1 set Directions, 1 Toning Tray, 1 pkg. Fixing Powder, 1 pkg. Silver Paper, 1 pkg. Ruby Paper. Camera and outfit securely packed in a neat box and sent all charges paid for selling only 15 Glass Pens at 10c each. They are over 5 in. long, made of colored glass, each securely packed in wooden case. Send this advertisement, with your name and address, and we will forward the pens. Sell them, return the money, and camera will be sent you all charges paid. Toledo Pen Co. Box Toronto NWF

MANITOBA FARM LAND FOR SALE !

In MUNICIPALITY OF SPRINGFIELD, which adjoins the City of Winnipeg.

The Municipality of Springfield adjoins the City of Winnipeg to the east. The land naturally was not so high, nor as easily brought under cultivation, as in some districts further west, but the extensive system of drainage and road making practised by the municipality for years past has altered the face of nature and made this district one of the most desirable farming sections in Manitoba, and as all the land is within driving distance of a city of 50,000 people whose population and wants are rapidly increasing, farmers can always be sure of obtaining the very highest price for all products. This advantage over local markets on the small products of a farm, will, in a few years, pay for the land.

We have a nice little Map of this District, with all our land colored red on it, also showing Railway Stations, Post Offices, Schools, Graded Roads, etc. If you write us we will send you one of the Maps free.

Description.	Sec.	Twp.	Rge.	Acres.	Price.	Description.	Sec.	Twp.	Rge.	Acres.	Price.
NE and E hf of NW	28	12	3	240		SW and S hf NW	2	13	6	240	2 50
NE and N hf SE	2	14	3	240	4 00	SW qr	3	13	6	160	3 00
NE qr (improved)	10	11	4	160		SE and S hf NE	6	13	6	240	2 50
NW qr (improved)	10	11	4	160		SW 21 and N hf NW	16	13	6	240	2 50
SW qr 27 and N hf NW	22	10	4	240	10 00	SE and E hf SW	6	14	3	240	2 50
E hf SE qr	14	10	4	80	6 00	SW qr and part of SE qr	5	10	7	220	3 00
N hf NE qr	2	10	4	80	8 00	NW qr	7	10	7	130	3 00
N hf of N hf, L.S.D. 15 and 16 of	35	11	4	20	3 00	SE qr	10	10	7	160	3 00
N hf of S hf L.S.D. 9 and 10 of	12	12	4	20	3 00	SE and S hf NE	4	11	7	240	2 50
W hf of W hf L.S.D. 1 and 8 of	2	12	4	20	3 00	N hf of N hf 5 and N hf NW	4	11	7	240	2 50
SE qr	15	10	5	160	6 00	S hf and S hf N hf	6	11	7	480	2 50
SW qr (improved)	27	11	5	160	2000 00	NW qr	7	11	7	160	3 00
SE qr (improved)	28	11	5	160	3200 00	NE qr	9	11	7	160	3 00
SW qr (improved)	28	11	5	160	2000 00	SE qr 10 and N hf NE	3	11	7	240	2 50
SE qr	36	11	5	160		NW 13 and S hf SW	24	11	7	240	3 00
N hf of NW qr	3	12	5	80	3 00	W hf	14	11	7	320	3 00
E hf of W hf of L.S.D. 4 and 5 of	4	12	5	20	3 00	NE and N hf SE	15	11	7	240	3 00
N hf of NE qr and E hf of L.S.D. 14	4	12	5	100	3 00	SE and S hf SW	16	11	7	240	3 00
S hf of S hf of L.S.D. 9 and 10 of	7	12	5	20	3 00	N hf of SW qr	20	11	7	80	3 00
S hf of N hf of L.S.D. 9 and 10 of	7	12	5	20	3 00	E hf	22	11	7	320	3 00
S hf of N hf of L.S.D. 11 and 12 of	7	12	5	20	3 00	SW qr	23	11	7	160	3 00
NW qr	9	12	5	160	3 00	N hf of 24 and E hf NE	23	11	7	400	3 00
E hf of E hf of L.S.D. 4 and 5	10	12	5	20	3 00	SW qr and S hf SE	25	11	7	240	3 00
N hf of L.S.D. 1 and 2	13	12	5	40	3 00	N hf and SE qr	27	11	7	480	3 00
E hf of NE qr	23	12	5	80	3 00	SW and S hf NW	28	11	7	240	3 00
SW qr	27	12	5	160	3 00	NE qr	28	11	7	160	3 00
S hf of S hf L.S.D. 11 and 12 of	28	12	5	20	3 00	SE and S hf NE	32	11	7	240	3 00
NE and N hf SE	35	12	5	240	5 00	E hf and NW qr	33	11	7	480	3 00
SW and S hf NW	2	13	5	240	5 00	All Section	34	11	7	640	3 00
SE and S hf NE	3	13	5	240	4 00	W hf	35	11	7	300	3 00
SE qr 10 and N hf NE	3	13	5	240	4 00	W hf and N hf NE	36	11	7	400	3 00
SE and S hf NE	1	10	6	240	3 00	NW and N hf SW	2	12	7	240	3 00
NE and N hf SE	2	10	6	240	3 00	E hf SE	4	12	7	80	3 00
SE qr	17	10	6	160	3 00	N hf	9	12	7	320	3 00
SE qr	24	10	6	160	3 00	SW qr 10 and E hf SE	9	12	7	240	3 00
SE qr	27	10	6	160	5 00	W hf	10	12	7	320	3 00
N hf NE qr	1	11	6	80	3 00	SW qr 12 and N hf NW	1	12	7	240	3 00
SW qr	9	11	6	120	3 00	NE qr 12 and S hf SE	13	12	7	240	3 00
NW qr 12 and S hf SW	13	11	6	240	3 00	NW qr 12 and S hf SE	13	12	7	240	3 00
SW and W hf SE	21	11	6	240	3 00	NE and N hf SE	13	12	7	240	3 00
NE and N hf SE	22	11	6	240	3 00	S hf and W hf NW qr	14	12	7	400	3 00
S hf NE qr	30	11	6	80	3 00	E hf	15	12	7	320	3 00
S hf SE qr	35	11	6	80	3 00	SE and E hf SW	16	12	7	240	3 00
North 60 acres of SW qr	9	12	6	60	6 00	NE qr 17 and W hf NW	16	12	7	240	3 00
NW and W hf NE	12	12	6	240	3 00	W hf and W hf of E hf	18	12	7	480	3 00
N hf of N hf L.S.D. 5 and 6 of	13	12	6	20	3 00	NE qr 25 and S hf SE	36	12	7	240	5 00
S hf of N hf L.S.D. 9 and 10	19	12	6	20	3 00	SE qr 25 and N hf NE	24	12	7	240	4 00
S hf and S hf of N hf L.S.D. 13 and 14	19	12	6	60	3 00	All other lands colored in township	1	12	7	at	3 00
N hf	24	12	6	320	3 00	All Section 15 and S hf	22	13	7	960	4 00
SW qr	25	12	6	160	3 00	SW qr	20	10	8	160	2 00
NE 28 and W hf NW	27	12	6	240	3 00	NE qr	30	10	8	160	2 00
N hf of S hf L.S.D. 9 and 10 of	30	12	6	20	3 00	SW and S hf NW	2	11	8	240	2 50
N hf of S hf L.S.D. 3 and 4 of	30	12	6	20	3 00	SW and S hf SE	4	11	8	240	2 00
E hf Section	31	12	6	260	3 00	E hf and N hf N W	5	11	8	400	2 00
NW qr	32	12	6	160	3 00	S hf and S hf NE qr	6	11	8	400	2 00
NW and N hf SW	35	12	6	240	3 50	SW qr 7 and N hf NW	6	11	8	240	2 50
N hf SE qr	35	12	6	80	3 00	All Section	27	12	8	640	2 00
N hf of S hf	36	12	6	160	3 00	S hf	34	12	8	320	2 00
N hf NE 25 and S hf SE	36	12	6	160	3 00	SW qr and N hf SE qr	35	12	8	240	2 00
						NW qr 35 and E hf NE	34	12	8	240	2 50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

If you do not see what you want in this List, write for our General List, showing Lands for Sale in all parts of the Province.

LOANS.

THE WESTERN LOAN & TRUST CO.
Loan Money on Farm and City Property.
Crotty & Cross, Agents.

CROTTY & CROSS
515 Main St., Winnipeg

When writing advertisers, please mention "The Nor'-West Farmer."

Hindering a Good Work.

The Experimental Farms are busy now sending out samples of seed grain, but the work in this direction is much hampered by post office regulations, which could and should be removed. Samples of grain sent out from Ottawa go free of postage, but samples sent from the other stations have to pay postage. To overcome this difficulty grain is sent by the car-load from the branch stations to Ottawa and then sent out free from there. This is a round-about way of getting free distribution, which even then costs considerable for freight. Although a large amount of grain is sent out from Ottawa, it is impossible to send it all out from there; consequently, considerable is annually sent out from each branch station. To cover the cost of this, a large appropriation for postage is always made, and when this amount is taken up, the work of distributing must stop, as there are then no funds available for the purpose. This has to take place sometimes when there are still many worthy applicants unserved, and who are just as deserving as those who have been fortunate enough to receive samples.

The Farmer thinks the post office authorities should allow samples sent from the branch stations to go free just the same as they do from Ottawa. According to the latest reports, the Post Office Department is making money—i.e., has a surplus after paying working expenses; it can then well afford to carry these samples free, and thus extend the good work our experiment stations are capable of doing. The privilege of free mailing for these samples will not be abused by the competent men in charge any more than it is at Ottawa. Even if it was abused a little, the good to be accomplished far outweighs any apparent disadvantage. The Farmer commends this line of action to the Postmaster General.

NO TIME TO LOSE

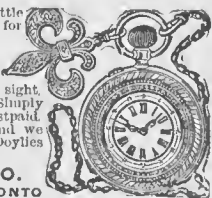
If you want to handle the best Washer made, Davis Sewing Machines are good. We have the best Knitting Machines on the market. We also handle the best Cylinder and Machine Oils and Hard Oils that good material will make. Cling Surface is a belt dressing that will prevent belts from slipping. Head lights for threshing engines. Every thrasher should have the book of science of how to run an engine or thrasher. Write for prices.

ALF. & GEO. HALL,

207 Alexander Ave. WINNIPEG, MAN.

FREE! This beautiful little Lady's Watch for selling 3 doz. of our full-sized 14 in. Doyles at 10 cents each. Fine Boy's Watch for selling 2 doz. Latest and prettiest designs; sell at sight. **No Money Required.** Simply write and we send Doyles postpaid. Sell them, return money, and we mail your watch free. Unsold Doyles returnable.

LINEN DOYLEY CO.
BOX 55 TORONTO



PORTAGE

MARBLE WORKS.

Raymer & Co.

Dealer in all kinds of
GRANITE AND MARBLE

**HEADSTONES,
MONUMENTS,
and Cemetery Fencing.**

Prices quoted
on application.

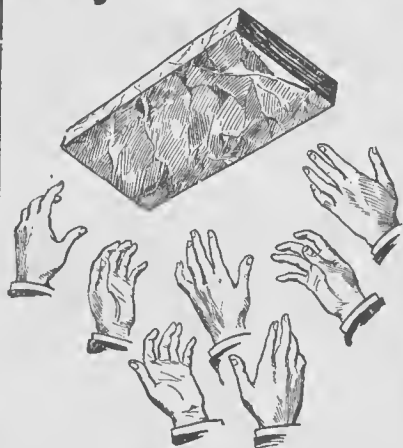
Box 120, P. LA PRAIRIE, MAN.

Mention where you saw this adv.

BOLE'S COUGH CURE CURES COUGHS.

When writing advertisers mention the Nor'-West Farmer.

They All Want It!



AFTER ONCE USING

Pommery

Bright Chewing Tobacco

NO OTHER WILL DO.

It Elevates the Taste.

Pure, Wholesome
and Fine Flavored.

DOMINION TOBACCO CO.,
MONTREAL.

FREIGHT ALLOWED TO YOUR STATION.

For April and May Orders only.

This to get our Cooker introduced into Manitoba and Northwest Territories.

Take advantage of our special offer and get the

**Improved Reliable Feed
Cooker, Tank Heater,
and Steam Generator.**



One of the greatest feed savers, labor savers and money makers the feeder can possibly have. Cooks a barrel of ground feed in 80 min.; 25 bus. of ground corn in 2 hrs.; heats a barrel of water hot enough to scald hogs in 20 min.; will heat water in tanks 100 ft. from cooker. Used and recommended by feeders throughout U.S. and Canada. Highest awards at Omaha Exposition, '98; Toronto, Canada, and Dallas, Texas, '99; and State Fairs everywhere. Sold on a positive guarantee. Your money back if it does not come up to the contract. Send for 1900 Century Catalogue and introduction price. **It has no flues to rust out or leak. No scorched feed if you use it.** The best machine of any kind proves the cheapest in the end.

RIPPLEY HARDWARE CO.
Box 20, Grafton, Ill.

Don't Guess At Results.



This man knows what he did and how he did it. Such endorsements as the following are a sufficient proof of its merits.

Oshawa, Minn., Feb. 22, 1898.

Dear Sirs:—Please send me one of your Treatise on the Horse, your new book as advertised on your bottles, English print. I have cured two Spavins and one Curb with two bottles of your Kendall's Spavin Cure in four weeks.

FRANK JUBERIEN.

Price, \$1; six for \$5. As a liniment for family use it has no equal. Ask your druggist for **KENDALL'S SPAVIN CURE**, also "A Treatise on the Horse," book free, or address

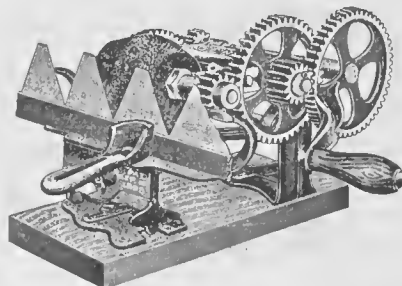
DR. J. B. KENDALL CO., ENOSBURG FALLS, VT.



110 for 10 cents

THIS book contains one hundred and ten of the best humorous recitations, embracing the Negro, Yankee, Irish, and Dutch dialects, both in prose and verse, as well as humorous compositions of every kind and character. Sent postpaid for 10c. Johnston & McFarlane, 71 Yonge St., Toronto. N W F

Gem Sickle & Tool Grinder



No mowing machine knife can be properly ground on a grindstone. The heel can't be ground properly. The bevel will be wrong. The point will be rounded off; besides it's a slow, back-breaking, hand-blistering job at best.

The Gem Grinder will sharpen perfectly any knife made. It will sharpen the heel as well as the point. It will grind quick. It will sharpen old knives as well as new. It can't heat. It can't grind wrong. It's simple—a boy can sharpen a whole sickle perfectly in ten minutes. It's convenient—can be taken to the field. It saves time, mowers, horses and knives.

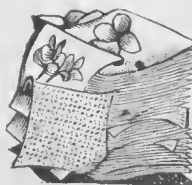
It can be changed in one minute to a tool grinder. It will grind anything that can be ground on a grindstone, and do it easier, quicker and better.

We would like to tell all its good points here. We haven't the room. **OUR CATALOGUE TELLS THE REST.**

AGENTS WANTED

D. M. McMILLAN, Brandon, Man.

Sole Agent of Chicago Wheel & Mfg Co. for Manitoba and Eastern Assiniboia.



SILK

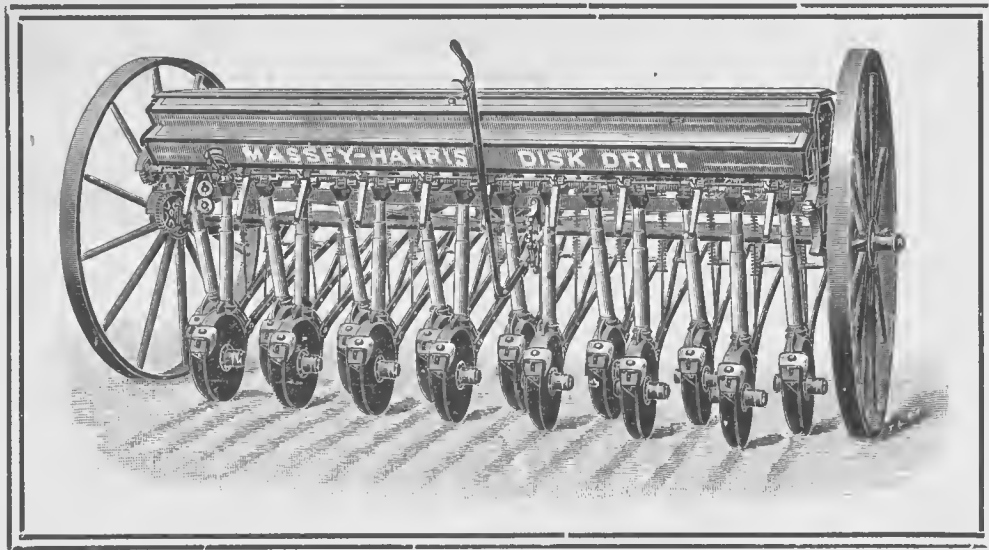
We've purchased all the remnants from the largest Silk House in Canada, and are mailing them in packages each containing about 100 pieces of finest silk, in newest patterns and brilliant colors, enough to cover over 200 square inches. Nothing like them for fancy work. One package by mail, 15 cents or 2 for 25c. silver. Johnston & McFarlane, 110 Yonge St., Toronto.

When writing advertisers mention the Nor'-West Farmer.

Massey-Harris Co. Limited

LARGEST MAKERS OF FARM IMPLEMENTS IN THE BRITISH EMPIRE.

Foundation
Laid
1847.



See
Our
Disc Drill.

OUR SHOE DRILL

LEADS ALL OTHERS.

EDDY'S



Matches

BE SURE YOU GET THEM.



Are
th
BEST.

THE "EAGLE PARLOR"

Has no Equal.

"Telegraph," "Telephone," "Tiger," Are our Sulphur Brands.



Canadian Forestry Association.

This is the name of an association recently formed at Ottawa with the view of promoting a livelier interest in tree preservation and cultivation throughout the Dominion. Prof. Macoun, of the geological survey, and Wm. Pearce, Calgary, spoke of the conditions surrounding forest growth in the west and the benefit likely to follow careful planting in districts now bare of wood. Once a good sized plot of trees has been put well into the ground, preferably of very young trees, they will gather enough snow every winter to give them a good start for each season's growth. It is the want of moisture in the ground and want of protection from fire that must be guarded against if there is to be successful tree growth. Select the ground to be planted, cultivate it well and sow with oats. Follow that with a still deeper stirring of the soil. Sow again with oats and next spring plant 2-year-old native trees on the stubble. This will ensure a good start and such a plantation will go on doing well. In the west, with its fluctuating winter climate, cattle huddle into coulees when a cold north wind strikes them and will not go out to feed. But if shelter from good-sized patches of trees were provided, they would stay out where the feed is and do better every way. The feeling of those assembled was that such work could hardly be carried out by private enterprise. The government ought at least to take the initiative and set a good example.

The development of tobacco growing in Western Ontario has been very rapid. There are now 25 factories handling home-grown tobacco as against only three or four last year. It is estimated that 6,000,000 lbs. of tobacco were grown in Canada last year, and the industry is going ahead rapidly.

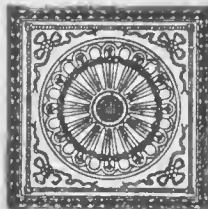
Spruce trees are very desirable for the sake of their effect in winter. They should always be taken up with a large ball to prevent the roots getting bruised or exposed, as then a gum strikes out on them, which is sure to ruin. They should never be taken from a thicket. Healthy trees from partially open ground are always the best. In pruning, care should be taken to avoid doing it at a season when fresh growths will spring out after the pruning. These are too tender, get killed back in winter, and this does much harm.

An exhibit of the natural woods of Manitoba has been prepared for the Paris exhibition. It consists of sections of all trees growing in the province, and includes some very large specimens of elm, oak and ash, polished and rough planks from every species of tree, a complete exhibit of pulp wood and a large exhibit of railway ties. While this exhibit is not so extensive as the British Columbia one, nor are the specimens so large, yet Prof. Macoun says it is the most complete exhibit he has seen. The exhibit of pulp wood is interesting for, besides being a prairie province, Manitoba can lay claim to an extensive area of forest land in the eastern and northern portion of her territory, with timber enough to supply pulp mills with material for all the paper needed in the west for many, many years.

Going to Re-Decorate?

Why not enjoy the practical advantages offered by our

Metallic Ceilings & Walls



They are both handsome and economical—outlast any other style of interior finish—are fire proof and sanitary—can be applied over plaster if necessary—and are made in a vast number of artistic designs which will suit any room of any building.

Write us—we'd like you to know all about them. If you want an estimate send outline showing the shape and measurements of your ceilings and walls.

Metallic Roofing Co. Limited
TORONTO.

"When writing advertisers mention the Nor'-West Farmer."

LITTLE'S PATENT FLUID (NON-POISONOUS) SHEEP DIP AND CATTLE WASH.

The Original Non-Poisonous Fluid Dip

Still the Favorite Dip, as proved by the testimony of our Minister of Agriculture and other large Breeders.

FOR SHEEP.

Kills Ticks, Maggots; Cures Scabs, Heals Old Sores, Wounds, etc., and greatly increases and improves growth of Wool.

CATTLE, HORSES, PIGS, Etc.

Cleanses the skin from all insects and makes the coat beautifully soft and glossy.

Prevents the attack of Warble Fly.
Heals Saddle Galls, Sore Shoulders
Ulcers, etc. Keeps Animals Free
from Infection.

NO DANGER, SAFE, CHEAP AND EFFECTIVE.

BEWARE OF IMITATIONS.

Sold in large tins at 75 CENTS. Sufficient in each to make from 25 to 40 gallons of wash, according to strength required. Special terms to Breeders, Ranchmen, and others requiring large quantities.

SEND BY ALL DRUGGISTS.
SEND FOR PAMPHLET.

ROBERT WIGHTMAN, Druggist, Owen Sound.
Sole Agent for the Dominion. 1874

When writing advertisers mention The Farmer.

UNEQUALLED RECORD !!



After years of use by thousands of the most progressive farmers of Canada, the yearly sales of the

CHATHAM FANNING MILL

grow larger with each succeeding season. This, with the fact that all other MILLS sold in Ontario do not equal it, is certainly the most convincing proof of its superiority. No farmer should be without a good Fanning Mill. The best is not too good for you. Write for particulars and price.

THE M. CAMPBELL FANNING MILL CO., LTD., CHATHAM, ONT.

\$9.95
GOLD WALTHAM
Regular \$15.00
Watch, Genuine Waltham movement, latest model, ruby jewelled, compensation balance, polished and gilded regulator, steel wind and set. Fitted in a genuine gold-filled case that will wear for 20 years. We ask no advance payment. Simply write, mentioning your nearest express office, and we will send the watch there where you can call and examine it thoroughly, then if satisfied it is really worth \$15.00 pay the agent \$9.95 and express charges. Buy direct and save the jeweller's excessive profits. In writing be careful to state clearly whether you want open face or hunting case. We can furnish gentleman's size at same price. Johnston & McFarlane
Box N W F, Toronto, Can.

SPECIALTIES FOR LADIES & GENTLEMEN.

We can supply any specialties and novelties in Rubber and Metal goods at lowest cash prices. If you require any article whatever which is not to be found in the regular stores, write us, and we will quote you prices. All correspondence confidential. Send 2c. stamp for Circular.

THE UNIVERSAL SPECIALTY CO., P.O. Box 1142, MONTREAL

WANTED RELIABLE MEN

Good honest men in every locality, local or travelling, to introduce and advertise our goods tacking up show-cards on fences, along public roads and all conspicuous places. No experience needful. Salary or commission \$60 per month and expenses \$2.50 per day. Write at once for full particulars.

THE EMPIRE MEDICINE CO., London, Ont.

EPPS'S COCOA

GRATEFUL COMFORTING
Distinguished everywhere for Delicacy of Flavor, Superior Quality, and Highly Nutritive Properties. Specially grateful and comforting to the nervous and dyspeptic. Sold only in 1-lb. tins, labelled JAMES EPPS & Co. Ltd., Homoeopathic Chemists, London, Eng.

BREAKFAST SUPPER EPPS'S COCOA

TO CURE A COLD IN ONE DAY.
Take Laxative Bromo-Quinine Tablets. All Druggists refund the money if it fails to cure.

Free for Royal Crown Soap Wrappers



For 25 Wrappers.

20 x 16 Inches.



For 25 Wrappers.

20 x 16 Inches.



For 25 Wrappers.

20 x 16 Inches.



For 25 Wrappers.

20 x 16 Inches.



For 25 Wrappers.

20 x 16 Inches.



For 25 Wrappers.

20 x 16 Inches.

Any one of the above beautiful new pictures mailed free for 25 Royal Crown Soap Wrappers, or for 50c. extra you can have the same framed in elegant gilt frame, 3 in. moulding. If the framed picture is sent, you pay express charge. We have a large lot of other pictures, and large list of books, a full list of which will be sent by mail on application. Address—

THE ROYAL CROWN SOAP CO. - - WINNIPEG.

Mention the Nor'-West Farmer when writing.



Easter Bells.

Chime, solemn bells of Easter,
The shadows flee away,
And all the earth is smiling,
In the glory of the day.

Ring, tender bells of Easter,
Beyond our toils and tears
There wait for all the faithful
Heaven's long and happy years.

Break, joyous bells of Easter
From far across the sea,
Bring us the endless music
Of Immortality.

Triumphant bells of Easter
Again by Angels rung,
Speak comfort to the sorrowing
Of every land and tongue.

—Margaret Sangster.

My Wife's New Bonnet.

Jones' money had been left to him; I on the contrary, had garnered a competence by hard knocks, by an eternal vigilance to the routine of a wholesale butter business and by patenting an automatic device for "candling" eggs. In our little household we understood how to practice economy and many a time and oft my wife has shown a positive genius for metamorphosing an out-of-date gown into a brand-new fin de siècle garment. She doesn't have to do this now. In fact, I have set my foot down on such things. It is pleasing to reflect, however, that, if needs must, she can take an old hat frame and a couple of yards of fancy ribbon and create an Easter dream in less than thirty minutes by the watch. Could Mrs. Jones do this? Probably not. With Mrs. Jones it has never been necessary.

My wife was away from home on the Saturday preceding Easter, and as Mrs. Jones knows, that I am a backslider in the matter of attending church, she sent a little note to Matilda asking for her company the following morning at Easter service, and adding the remark, in a postscript, "I suppose, of course, you will wear that new bonnet?"

That postscript filled me with indignation. What lady could do otherwise than wear a new bonnet on Easter Sunday? Was the law not as inflexible as any evolved by the ancient Medes and Persians? That postscript was uncalled for, to say the least. I had shelled out twenty-eight hard-earned dollars for that new bonnet and was not disposed to see it trifled with. After some mental effort I sat down and indited the following:

"Dear Mrs. Jones: I bought a hat-frame the other day for 29 cents and a yard of bargain-counter ribbon for 13 cents (marked down from 68). With these and a couple of tips and an aigrette taken from a discarded toque I have built up a passable bonnet for to-morrow's wear. The tips, I presume, are worth a dollar and the aigrette would be dear at 16 cents. I have been compelled to exercise my ingenuity in this way because of a phenomenal slump in butter, which leaves Tom a loser on something like a thousand firkins.

"Yes, dear, I will be glad to go to church with you. You will call for me, will you not? As ever,

"Mrs. Thomas Hoover."

The Latest, The Newest The Best.
GOLD STANDARD



INDIA-CEYLON-PACKAGE TEAS

1/2 & 1 lb Lead Packets - 3 & 5 lb Tins.

CODVILLE & CO. WHOLESALE GROCERS WINNIPEG.

See His Fine Cement
Concrete Walls
Built With

THOROLD CEMENT

And then read carefully his excellent testimonial. Size of Basement Walls 46x76x10 ft. hi; h, with Root-house 14x26 ft.



THIS IS WHAT MR. ANGUS MURRAY SAYS ABOUT THOROLD CEMENT.

Estate of John Battle, Thorold, Ont.:

Dear Sirs,—It is with pleasure that I testify to the good qualities of your Thorold Cement for building purposes. During the past summer I built a barn 46x76, with 14x26 root-house at the back, walls average 10 ft. from bottom to top of wall. It took 81 bbls of Cement and 45 days' work for one man. I have a much cheaper wall than if I had built of brick or stone. Ten days after the wall was finished I had the frame of the barn raised (26-foot posts and very heavy timbers) without any injury whatever to the wall. I recommend your Thorold Cement to anyone that intends building concrete.

Nov. 14, 1899.

Yours truly,

ANGUS MURRAY, Drysdale, Ont

FOR FREE PAMPHLET WITH FULL PARTICULARS, ADDRESS—

ESTATE OF **JOHN BATTLE** THOROLD, ONT.

HOW LONG WILL IT LAST?

We don't know. The first was put up 13 years ago and is in perfect condition yet. We use special wire—none other like it. **Page No. 11 Wire** is as strong as common No. 9. Over 500,000 farmers using **Page fencing**. They find it to be the best and cheapest.

Send for our new pricelist.

THE PAGE WIRE FENCE CO. (LTD.)
WALKERVILLE, ONT.

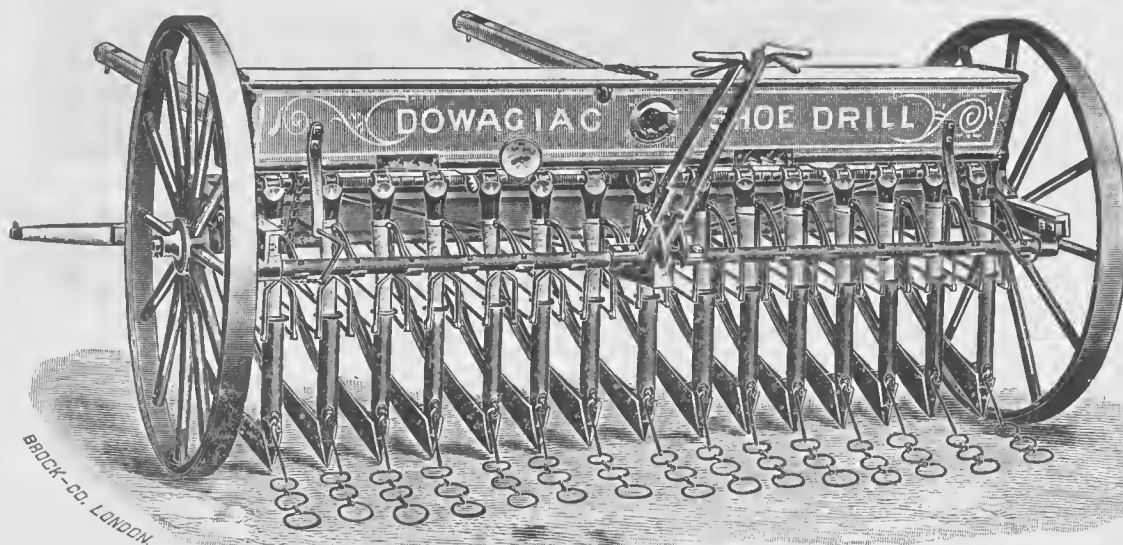
When writing advertisers, kindly mention The Nor'-West Farmer.

The Stevens Manufacturing Co.'s

Made in Canada by Expert Canadian Workmen on the Dowagaic Pattern, but with parts strengthened and improved.

Undoubtedly the best Grain Seeder made. Specially adapted for use in Canadian Northwest.

SHOE DRILL



WHAT IT DOES.

Works perfectly in wet as well as dry ground
Presses down stubble and trash and passes over.
Makes furrows to any desired depth.
Cuts sods or prairie ground better than any other device.
Seed deposited at bottom of furrow—cannot be blown away.
Makes furrows close together, utilizing all ground.

WHAT IT IS MADE OF.

The best material in every respect.
The best plowshare steel for shoes.
Best tempered steel for springs.
Malleable iron for all light castings.
Main frame of angle-iron trussed and braced, and practically unbreakable.
Poles and all other parts of wood made of thoroughly seasoned stuff.
Wheels with solid hub, hickory spokes, ash rims and three-inch tires.
In workmanship and material cannot be surpassed.

THE STEVENS MANUFG. CO.

Head Office : LONDON, ONT.

Branch Office : WINNIPEG, MAN.

"Let us see," I muttered savagely, "whether Mrs. Jones will dare walk to church in company with a hat of that description."

I handed Mrs. Jones' note to my wife, when she returned, saying carelessly that I had answered it in the affirmative.

The following morning Matilda arrayed herself in her most charming gown and donned her \$28 hat. Then she waited for Mrs. Jones. The bells rang. My wife continued to wait, wonder and fidget. But I understood it all. Slipping out of the room as soon as it became patent that Mrs. Jones had been frightened out by that home-made bonnet, I donned my most respectable suit of black and came down and gave Matilda a shock by announcing that I would go to church with her myself.

We went. After the service was over and we walked down the aisle towards the door, we met Mrs. Jones standing alone in her pew. Not a vestige of color flew to her face at sight of us. She was thoroughly collected, and, leaning forward, whispered to Matilda:

"It's just lovely, dear. And it only cost a dollar fifty-eight. I can hardly believe it!"

"I don't understand you, Mrs. Jones," returned Matilda, with a little frown.

"No? Hat-frame, twenty-nine; ribbon, thirteen; ties, one; aigrette, sixteen; total, one fifty-eight! But, ah! it's charming. Far prettier than mine, which cost \$20." She turned to me. "So sorry to hear of that fall in butter, Mr. Hoover."

I bowed stiffly and we passed out.

"Tom," exclaimed Matilda, as soon as we were free from the crowd, "what did Mrs. Jones mean? You have done something, I know you have!"

"I have discovered Mrs. Jones," I replied, and I told her how.

Matilda gave a nervous little laugh, declared I should not have done it, and de-

manded that I send Mrs. Jones the receipted bill for her bonnet. This I did, and Mrs. Jones at once resumed her friendly relations with us, Matilda not having the heart to snub her. But ever since that my wife and I have had two opinions of the Jones family—one which we express in public and the other which we hold privately.—Western World.

An Easter With Parepa.

When Parepa was here the great concert halls of our cities were thronged. Her glorious voice is remembered with the enthusiasm that greeted her when she sung.

It was in New York during Easter week that she offered to accompany me to the funeral services of a poor girl in one of the east side tenement houses.

She had sung at one of the largest churches in the morning and we were sitting alone in our cozy room, congratulating ourselves that we were not out in the blinding snowstorm that blew and swept its fury around our dwelling—when the messenger brought a note summoning me to the funeral:—

"My Dear Friend:—Can you Come? Annie has gone. She said you would be sure to come to her funeral. She spoke of you to the last. She will be buried at four."

I laid the poor little blotted note in Parepa's hand.

She would go with me, and so we set out together in the wild Easter storm.

I took the Easter lilies from my window shelf and wrapped them in thick paper, and hid them out of the storm under my cloak. I knew there would be no other flowers there. How endless was the way to this east-side tenement house! No elevated railroads, no rapid transit across the great city then as there are now. At last we

reached the place. On the street stood the canvass-covered hearse known only to the poor.

We climbed flight after flight of narrow, dark stairs to the small upper room. In the middle of the floor stood a stained coffin, lined with stiff, rattling cambric and cheap gauze, resting on uncovered trestles of wood. We each took the mother's hand and stood a moment with her silent. All hope had gone out of her face.

The driving storm had made us late, and the plain, hard-working people sat stiffly against the walls. We sat close to the mother.

The minister came. He read a few verses from the Bible, and warning the broken-hearted mother against rebellion at God, he made a prayer and was gone. The funeral service was over.

Without a word Parepa rose and walked to the head of the coffin. She laid her white scarf on an empty chair, threw her cloak back from her shoulders, where it fell in long, soft, black lines from her noble figure like the drapery of mourning. She laid her soft, fair hand on the cold forehead, passed it tenderly over the wasted, delicate face, looked down at the dead girl a moment and moved my Easter lilies from the stained box to the thin fingers, then lifted up her head, and with illumined eyes sang the beautiful melody

"Angels ever bright and fair,
Take, oh, take her to thy care."

Her magnificent voice rose and fell in all its richness and power, and pity and beauty! She looked above the dingy room and the tired faces of men and women, the hard hands and struggling hearts. She threw back her head and sang till the choirs of paradise must have paused to listen to the Easter music of that day.

She passed her hand caressingly over the girl's soft dark hair, and sang on—and on—"Take—oh! take her to thy care."

The mother's face grew rapt and white. I held her hands and watched her eyes. Suddenly she threw my hand off and knelt at Parepa's feet, close to the wood trestles. She locked her fingers together, tears and sobs breaking forth. She prayed loud that God would bless the angel singing for Annie. A patient smile settled about her lips, the light came back into her poor, dulled eyes, and she kissed her daughter's face with a love beyond all interpretation or human speech. I led her back to her seat as the last glorious notes of Parepa's voice rose triumphant over all earthly pain and sorrow.

And I thought that no queen ever went to her grave with a greater ceremony than this young daughter of poverty and toil, committed to the care of the angels.

That same night thousands listened to Parepa's matchless voice. Applause rose to the skies, and Parepa's own face was gloriously swept with emotion. I joined in the enthusiasm, but above the glitter and shimmering of jewels and dress, and the heavy odors of Easter flowers, the sea of smiling faces, and the murmur of voices, I could only behold by the dim light of a tenement window the singer's uplifted face, the wondering countenances of the poor onlookers, and the mother's wide, startled, tearful eyes; I could only hear above the sleet on the roof and on the storm outside Parepa's voice singing up to heaven: "Take, oh! take her to thy care!"—Myra S. Delano.

He is Risen.

I was standing before the window of an art store where a picture of the crucifixion of our Lord was on exhibition; as I gazed I was conscious of the approach of another, and turning, beheld a little lad gazing intently at the picture also.

Noticing that this mite of humanity was a sort of street Arab, I thought I would speak to him, so I asked, pointing to the picture:—

"Do you know who it is?"

"Yes," came the quick response, "that's our Saviour," with a mingled look of pity and surprise that I should not know. With an evident desire to enlighten me further, he continued, after a pause: "Them's the soldiers, the Roman soldiers, and," with a long-drawn sigh, "that woman crying there is His mother."

He waited, apparently for me to question him further, then thrust his hands into his pockets, and with a reverent and subdued voice, added, "They killed Him, Mister. Yes, sir, they killed Him!"

I looked at the little, dirty, ragged fellow, and asked, "Where did you learn this?"

He replied, "At the Mission Sunday school."

Full of thought regarding the benefits of Mission Sunday schools, I turned away and resumed my walk, leaving the little lad still looking at the picture. I had not walked a block when I heard his childish treble calling:—

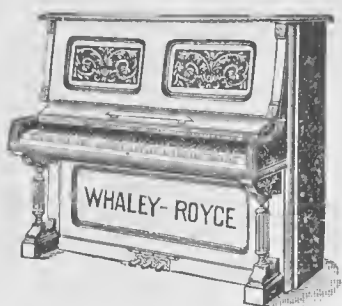
"Mister! Say, Mister!"

I turned. He was running toward me, but paused; then up went his little hand, and with a triumphant sound in his voice, he said: "I wanted to tell you He rose again! Yes, Mister, He rose again!"

His message delivered, he smiled, waved his hand, turned and went his way, feeling, I presume, that as he had been enlightened, he had done his duty in enlightening another.—T. R. Teske, in Domestic Journal.

"You kin git yo' daily bread by pray-in," says Uncle Mose, "but de nightly chicken has to be hustled fo'."

*Quality tells every time!
This fact explains why Blue
Ribbon Ceylon is fast displacing
all other teas throughout Canada.*



The Whaley-Royce Pianos

Are examples of all that is the LATEST and BEST in the REALM of PIANO CONSTRUCTION, and are now recognized throughout the Dominion as the highest type of Piano making.

EVERY INSTRUMENT GUARANTEED FOR SEVEN YEARS.

Correspondence invited, Catalogues and Prices furnished on application. Terms to suit the most modest incomes.

WHALEY, ROYCE & CO.,

158 Yonge Street, TORONTO, ONT.

192 Bannatyne Ave. East, WINNIPEG.

FREE

We give this splendid Rifle for selling only two dozen packages of Sweet Pea Seeds at 10 cents each. Each large package contains 65 most fragrant varieties. All colors. This Rifle is of the best make and latest model, well finished nickel plated, carefully sighted and tested before leaving the factory. It is just the thing for target practice or for shooting cats, rats, sparrows, etc. Return this advertisement with your address and we send seeds. Sell them, return money and we forward your Rifle all charges paid. The season for selling seeds is short so order at once. Our Sweet Pea packages sell themselves. Premium Supply Co., Box NWF Toronto.

65 most fragrant varieties. All colors. This Rifle is of the best make and latest model, well finished nickel plated, carefully sighted and tested before leaving the factory. It is just the thing for target practice or for shooting cats, rats, sparrows, etc. Return this advertisement with your address and we send seeds. Sell them, return money and we forward your Rifle all charges paid. The season for selling seeds is short so order at once. Our Sweet Pea packages sell themselves. Premium Supply Co., Box NWF Toronto.

DAISY AIR RIFLE



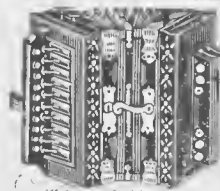
Up! Up! Up!
Furniture prices are rapidly advancing. Buy now before present catalogue is re-called.

COPY SENT FREE.

Scott Furniture Co.,

WIDE AWAKE HOUSE,

WINNIPEG.



We will forward this beautiful GEM PIN COMPANY, Box NWF Toronto, Canada.

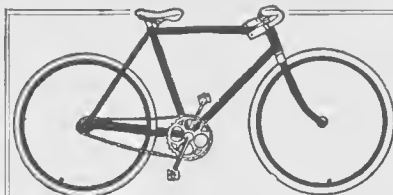
FREE We give this Grand Solo Accordion for selling only 2 doz. Gem Pins at 15c. each. It is a beauty, has 10 bone keys, 2 stops, 2 sets of reeds, chromed case, open action and double bellows with protectors and clasps. No money required in advance. Send this advertisement with your name and address, and we will forward the Plus. Sell them, return the money and Accordion, all charges paid. Box NWF Toronto, Canada.

Send for Price List of WIND-MILLS 8 to 20 ft.

Also Steel Towers, Tanks and other Windmill Goods.

The Joliet Windmill & Tank Co.

L. LEACH, Mgr. JOLIET, ILL. U. S.



BOYD'S SWELL "FLYER"

1900 MODEL. New ideas, new design, 1 1/2 in. tubing, flush joints, Springfield one-piece cranks, high grade in every detail. Fitted with Victor tires, \$35.00; with Morgan & Wright tires, \$37.50; with Dunlop tires, \$40.00. Men's, 22 and 24 inch; Ladies', 20 and 22 inch frames. Black and maroon. Any gear.

TO INTRODUCE these Bicycles, we will ship a sample, collect on delivery with privilege of examination, on receipt of \$1.00. The \$1.00 is as a guarantee of Express charges and is deducted from the bill; you pay the Express Agent the balance due us.

WE OFFER splendid chance to a good agent in each town. You have your choice of cash or outright gift of one or more wheels, according to the work done for us.

WHEELS SLIGHTLY USED, \$8.00 to \$25.00.

Price lists free. Secure agency at once.

T. W. BOYD & SON, MONTREAL.



This beautiful Heavy Gold or Silver Plated Chain dozen packages of Sweet Pea Seed, at 10c. each. Large package contains 65 most fragrant varieties. All colors. Write and we send seeds. Sell them, return money, and we mail your bracelet absolutely free. The season is short, so order at once. Premium Supply Company, Box NWF Toronto, Can.

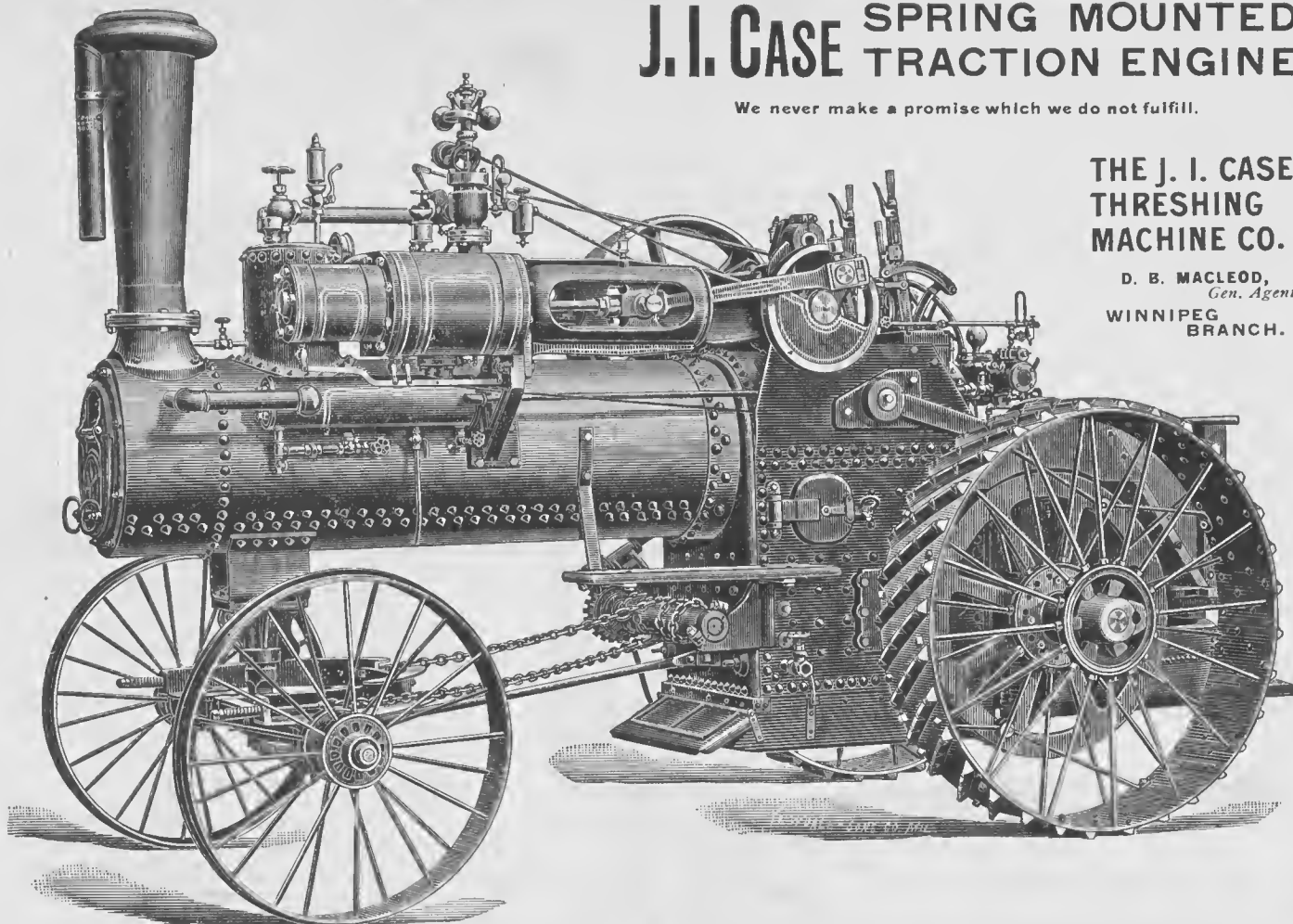
When writing advertisers mention The Farmer.

J. I. CASE SPRING MOUNTED TRACTION ENGINE

We never make a promise which we do not fulfill.

**THE J. I. CASE
THRASHING
MACHINE CO.**

D. B. MACLEOD,
Gen. Agent,
**WINNIPEG
BRANCH.**



Teddy's Eggs.

Teddy was a little boy who lived in a handsome house in Chicago. He was 7 years old, but had never been to visit his grandpa and grandma Hilton in the country until the time of which I write. He had been to school two terms, and, of course, thought himself a very large boy, indeed.

It was about the eighteenth of March when his mother took sick and the doctors said she must go away for her health, and his papa must go with her. This displeased Teddy very much, but nothing could be done about it, so they started the next week. Teddy was sent to Grandpa Hilton's on the same day, accompanied by a man who was on his way to the same town.

Teddy kept thinking of what papa had said when he left him, and wondered how far his father and mother were on their way, all the while blinking to keep back the tears which he felt sure were coming. They arrived at the little station about noon, where the man left him in care of the station master till some one called for him.

The station master told Teddy he could go out and look around, but to be careful of the trains that came in. Teddy went out on the little platform, where he was soon addressed by a man who looked most as big as the giant in Teddy's story book.

The man looked Teddy over, and then asked if he was "the chap" he had come after. Teddy guessed he was, so the man led Teddy to an open carriage and in a moment more he was in the seat and the large man by his side. He soon found out it was his Uncle Tom, who was staying at grandpa's.

A few moments brisk trotting brought them to a pleasant looking farm house.

"Here we are," said his uncle, as he helped him down from the seat. Grandpa

came out to welcome him and grandma stood at the gate.

"Come along, deary," she said, as she took him into the house, "you must be very hungry." And she hustled around to get him something to eat.

After supper Teddy was tucked into his little bed and was asleep in a twinkling. And when grandma came to kiss him good-night he was at the snoring point. He was up in the morning as soon as the first beam came through the curtain.

After breakfast he begged grandpa for a story, so grandpa told about Easter when he hid eggs long ago. The story set Teddy to thinking: Why couldn't he hide some eggs, too? He thought he would. Yes, he would begin in the morning and hide two each day till Easter. Where would he hide them? was the next question, for in the house grandma would be sure to find them, for she hunted in all the holes and corners for dirt. He was afraid to go to the hay mow only when Uncle Tom or grandpa went with him for fear of tramps, which Uncle Tom said had slept there a month or two before. But he began to hide his eggs till he had just a dozen, which looked a great many to Teddy.

One evening when grandpa went to the hay mow Teddy followed rather suspiciously with a tiny basket on his arm. He went to the corner, where, when he thought grandpa was not looking, he removed the cover and placed twelve nice eggs there. Then he covered them with hay and went down thinking of the money he would get for his eggs and how he would spend it.

It was a hard time for Teddy to keep his secret all by himself, for all the secrets he had were shared with his little playmates at home. Teddy did not know that a kind old Biddy had found a very good place to sit, so she thought.

Easter morning dawned bright and early,

and as the big red sun popped out from the clouds Teddy was awake. He did not turn over as he most always did, but instead of covering up his head to shut out the bright rays he was up, and down stairs in a twinkling, ready to get his eggs.

He asked Uncle Tom to go with him to the barn. Uncle Tom agreed, thinking Teddy had some new ruse. Teddy climbed to the hay mow, Uncle Tom following. Teddy went to the corner where the astounded biddy was sitting. Teddy was as much surprised as biddy. Much to her displeasure and with a great deal of picking, Uncle Tom lifted her from the nest, and what do you think Teddy saw? Twelve of the very nicest little chicks, all white. Uncle Tom took them to the house, where, I am sorry to say, two died.

How grandpa and grandma laughed. Teddy had a happy Easter and went home the next week to begin school. He never tires of telling about his chickens and biddy, which he took home with him. As for mamma, Teddy said, "she must have been left down South, for this lady does not look like her at all."

Teddy goes to visit grandpa and grandma yet. He is a young man now and loves fun and frolic as well as ever.—Blanche Biddle, age 11, in National Stockman.

Mrs. O'Flannigan — "Ain't yes afraid yer bye Dinny will git kilt in the war?"

Mrs. O'Flaherty—"Not a bit of it. Sure he's on wan of thim protieted cruisers."

For Over Fifty Years

Mrs. Winslow's Soothing Syrup has been used for over fifty years by millions of mothers for their children while teething, with perfect success. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for Diarrhoea. It will relieve the poor little sufferer immediately. Sold by Druggists in every part of the world. Twenty-five cents a bottle. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind.